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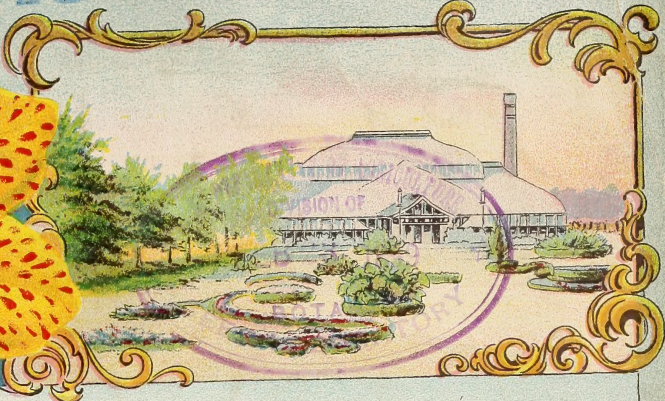
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THESE 4 ONLY 20¢ POSTPAID.

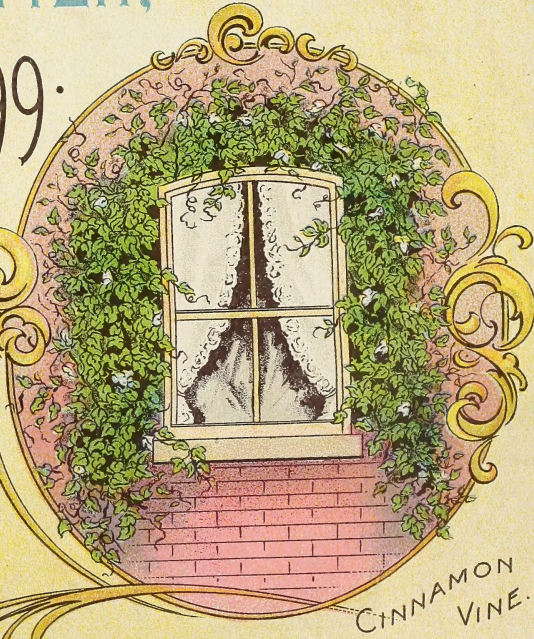


CHICAGO PARKS BEDDING CANNAS.

# W. W. BARNARD & CO SEEDSMEN.

TWELVE SUMMER BLOOMING BULBS.

1899.



CINNAMON VINE.

One Bulb  
of each flower shown on  
this page for 35¢ postpaid.

## CHICAGO.

161  
& EAST KINZIE ST.  
163



# 12 SUMMER BLOOMING HANDSOME FLOWERING BULBS....

ILLUSTRATED ON FRONT COVER OF THIS CATALOGUE.

**T**HE CULTURE OF FLOWERS from bulbs is one of the most simple operations within the art of gardening. It is only necessary to plant out the dry, dormant tubers, when all danger from frost is past, say the middle of May, and a glorious and abundant display of flowers lasting all summer long will result.

A bulb contains within itself not only the future flower but a sufficient amount of material to nourish the bloom while it develops and expands its beauty under the benign influences of sunshine and rain. The blooming time of almost all of the bulbs named below, can be expedited by potting them as soon as received and allowing the tubers to form roots before they are transplanted to the open ground.

## Giant Flowering Cannas.

On the upper portion of the cover are shown the Conservatories in Lincoln Park in this city, some of the Canna beds and four individual flowers of these lovely bedding plants. They are so low in cost that every yard in the country can afford a small bed.

**FLORENCE VAUGHAN.** 4 feet; flower of large size and perfect form. Color, golden yellow dotted with scarlet. A vigorous grower, and taken all around one of the best Cannas ever sent out.

**QUEEN CHARLOTTE.** 3 feet. Considered by many the finest of the gilt-edged varieties. Its flower spikes stand out well above the foliage and carry large heads of bloom with petals of rich crimson, widely banded with canary yellow.

**CHARLES HENDERSON.** 3½ feet. A splendid, compact, dwarf grower; heads of bloom of large size; the individual flowers very large. Color, bright crimson; center of the flower marked with golden pencilings.

**PAUL MARQUANT.** 4 feet. Flower as fine as the finest Orchid. The color is a bright salmon, with a carmine tint. The flower has a silvery lustre, which lightens it up with a silvery sheen, making the salmon of the flower very brilliant.

ONE EACH of the above FOUR CANNAS by mail for 20c. We make this very low price to induce more extensive cultivation of these lovely flowers. Plant in rich, deep soil and give plenty of water in dry weather.

## Cinnamon Vine.

In the lower right hand panel is shown a window covered with this desirable climbing vine. In some States it is perfectly hardy, remaining in the ground for years, each spring sending out rapid growing shoots and covering a large space with its heart-shaped, glossy green foliage. The white flowers have the smell of Cinnamon, hence the name. Tubers, each, 5c; 6 for 25c., postpaid.

One bulb of each flower shown in colors on front cover and described above for 35c., postpaid.

## Group of Gladiolus, Tuberose, etc.

To the left of the lower portion of cover the artist has grouped these flowers: Gladiolus, Tuberose, Tuberous-rooted Begonia, Tigridia, Iris Germanica, Bessera Elegans and Milla Biflora, making a total of twelve summer blooming bulbs on the page. One of each we send for 35c., postpaid.

**GLADIOLUS.** Well known, beautiful flowers, easy to cultivate and of long keeping qualities after being cut, therefore valuable for house decoration. We grow these bulbs by hundreds of thousands, and while in bloom our fields are the admiration of all who see them. Our mixture is very choice, 3 for 15c; dozen, 50c., postpaid.

**TUBEROSE.** A beautiful, wax-like, sweet-scented flower, so fragrant as to permeate the surrounding atmosphere and continuing a long time in bloom. Pot the bulbs when received, transplant in mid-May and you will have flowers in July. 3 for 15c; dozen, 50c., postpaid.

**BEGONIA, Tuberous-Rooted.** To grow plants which will bloom all summer place the bulb in sand in a warm room in April. Set out the plants first of June. They do best in a partially shaded place. In the height of summer these Begonias are covered with flowers of the richest colors. *Single mixed*, each, 8c; 6 for 40c; dozen, 75c., postpaid.

**TIGRIDIA**, or Mexican Shellflower. Planted in a mass in a border their handsomely variegated flowers make a fine show. Each, 5c; dozen, 30c.

**IRIS GERMANICA.** The German Iris are well adapted for border plants. They have broad leaves and highly colored flowers (a blue one appears in this group). Somewhat dwarf and is used to border plant beds and to plant in cemetery. This has a hardy root, once planted can remain. 10c.

**BESSERA ELEGANS.** From Mexico. Pretty bell-shaped flowers, scarlet, with white cups. Borne on long stems. Useful to work into bouquets. 3 for 15c.; doz., 50c.

**MILLA BIFLORA.** Another Mexican gem. Flowers are pure white; cut and placed in water will keep for several days. 3 for 20c; dozen, 60c.

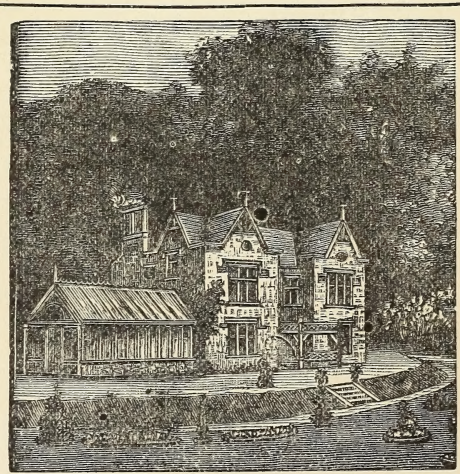
**BARNARD'S**  
Perpetual Green

**Grass Seed**

For...  
**LAWNS.**

The Necessary  
Requisite for a  
Beautiful,  
Enduring  
Lawn

Price, 1 lb., postpaid, 35c; not pre-  
paid, lb., 25c; 5 lbs. for \$1.00.



Only with the best material can the highest and most satisfactory results be obtained. When constructing a lawn, great care should be taken to use only the very best Seed; careful and thorough experiments have proved a mixture of different, dwarf, hardy, quick growing varieties to be the best, rather than any one kind.

Our "Perpetual Green" Lawn Mixture is a carefully prepared combination of various grasses designed to produce a fine dwarf, compact and permanent turf. Nearly all grasses make rapid growth during the moist months of Spring, but to secure those which will resist the severe droughts and heat of our climate is more difficult; this essential feature has been thoroughly provided for in selecting grasses for our Perpetual Green Lawn Seed.

FOR "QUANTITY TO SOW" and other information, please refer to page 54 of this catalogue. 2 2 2



OFFICE OF

# W. W. BARNARD & CO., SEEDSMEN,

161-163 East Kinzie Street, Chicago, Ill.

TO THE GARDENING PUBLIC, Everywhere.

With the greatest of pleasure we address you through this our ANNUAL CATALOGUE. In providing the book with a new dress of type the opportunity has been taken to completely revise the vegetable seed department, and to bring our lists fully up to date, by discarding varieties which newer and improved sorts have superseded.

For that kind patronage with which we have been favored in the past we are grateful. May our future business dealings be as pleasant, and we trust, to the satisfaction of every customer.

An invitation is extended to every person who receives this catalogue to send us an order for Seeds, etc., *no matter how small*. By entrusting the execution of your requirements to us, you have the advantages of selecting from much more complete stocks than are found outside of a large and exclusive seed house.

For the second time since we entered business, we have outgrown the capacities of our former retail store and warehouse and found it necessary to secure more commodious premises.

**REMOVAL.** In May last we entered into possession of the large double store building, (illustrated on this page) Nos. 161 & 163 East Kinzie Street, one block west of our former location. The six floors, well lighted and fitted with appliances for minimizing labor and rapid filling of orders, enable us to conduct our entire business under one roof, and afford ample room for carrying a full and complete stock of everything we catalogue. As heretofore we continue to seek to provide

**QUALITY AND PRICE.** Seeds of the HIGHEST QUALITY. With our large trade with market gardeners and florists, men who depend on the product of FIRST CLASS SEEDS for their livelihood, we cannot afford to take chances with seeds other than those in which we have the fullest confidence. Our prices are not made to catch the trade of bargain hunters. We believe good seeds are as staple as flour and have a corresponding merchantable value.

Awaiting the valued orders of those who appreciate HONEST SEEDS at fair prices, we assure our friends their needs will be well and carefully supplied. Please send orders in early and avoid the delay which is almost inevitable when the seed season is at its height.

Very Respectfully,

W. W. BARNARD & CO.

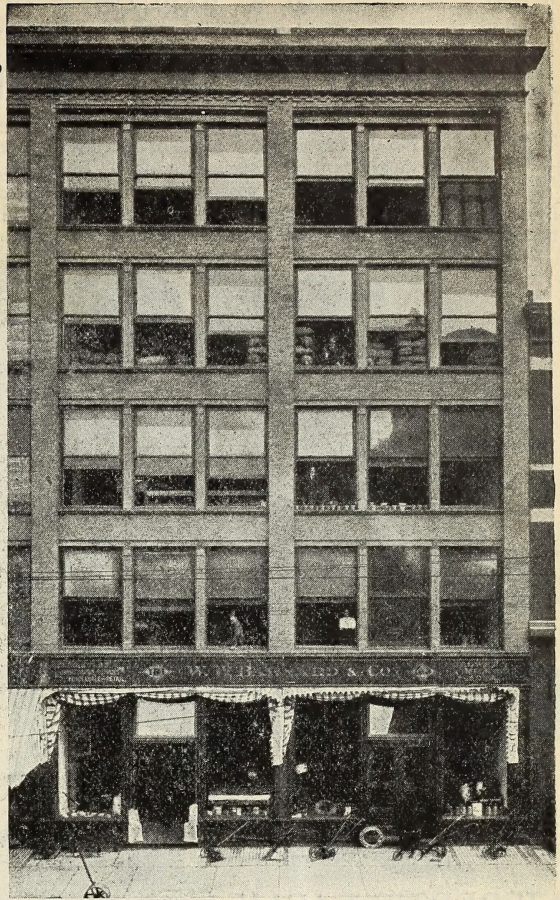


## HOW TO ORDER.

Please be VERY CAREFUL to always sign your NAME, POST-OFFICE, COUNTY and STATE on EACH and EVERY LETTER sent us. Cash should always accompany the order. Money can be sent safely either by post-office order, bank draft, express or cash by registered letter. **We accept postage stamps the same as cash.** On orders over \$1.00 the cost of remitting by any of these methods may be selected in extra seeds. Every postmaster is obliged by law to register a letter on payment of eight cents, in addition to postage, and then you will receive our receipt for the letter by return mail. We are responsible for the safe receipt of remittances by any of the above methods. The efficiency of the Post Office Department is such, however, that rarely a letter or package is lost.

**Please write each item of your order on a separate line,** placing the quantity before each article and carry out the prices. Keep a copy of your order to check up the seeds when received. We seldom make mistakes in filling—if we do, we are willing to make corrections. Please order Flower Seeds by number; Vegetable Seeds by name.

Kindly write letters or questions requiring replies on another sheet of paper, separate from the order.



## DISCOUNT ON SEED ORDERS.

Purchasers may make selections of seeds in PACKETS and OUNCES at these discounts:

- For 25 cents Seeds in packets and oz. to the amount of 30c.
- For 50 cents Seeds in packets and oz. to the amount of 65c.
- For \$1 select Seeds in packets and oz. amounting to \$1.30
- For 2 select Seeds in packets and oz. amounting to 2.70
- For 3 select Seeds in packets and oz. amounting to 4.00

## ON SEEDS IN BULK.

From Catalogue Prices by the ¼ pound, pound, peck or bushel, when cash is sent with order, purchaser may deduct 5 per cent. on an order from \$3.00 to \$5.00, and 10 per cent. on an order from \$5.00 to \$10.00. This discount refers to **SEEDS** quoted in catalogue **by weight or measure** (except in the division of **FARM SEEDS**, pages 49-56) and not to **Potatoes** or **Bulbs**, nor to seeds in packets and ounces.

## WARRANTIES.

We guarantee the safe arrival of all goods. Should any shipment fail to reach you in due time, please notify us at once, and we will trace, and, if lost, refill your order free of charge.

We believe our seeds to be equal in every respect to any that can be secured. But crops, depending largely upon the seed for value, are influenced by the soil and its preparation, by fertility, by insects, by drought and flood, by the skill and experience of the cultivator; therefore, while we exercise the greatest care to supply every article true to name and of the very best quality, we wish it to be distinctly understood that we sell no seeds with any warranty, expressed or implied, and will not be in any way responsible for the crop.

**MARKET GARDENERS** and Truckers, Public Institutions and others who use seeds in large quantities will, on application, be supplied with a **Special Price List** free of charge.



# Specialties in Vegetable Seeds for 1899.

FOR YEARS the introductory pages of seedsmen's catalogues have been occupied with Novelties, several of which in no sense are entitled to such an honor. There are a number of varieties of Seeds, Bulbs, etc., however, which as contrasted with others possess superior merit. Such, we believe, are worthy the prominence we give to them by artistic illustration and extended description. Some really meritorious Novelties—those of proven worth—will also be found under this classification of SPECIALTIES FOR 1899.

## ROGER'S LIMA WAX BEAN.

*A Genuine and Meritorious Novelty.*

THIS excellent Bean takes its name from the fact that its flowers resemble those of the Dwarf Lima. Plant branching and vigorous, yielding pods in profusion. The pods are the broadest of all wax bush beans, color transparent glossy lemon wax, having the yellow waxy appearance very soon after the pods are formed. When picked will retain their bright, attractive appearance for a long time and not become tough. Quality very tender, juicy, and flavor delicate, delicious. Seed, small oval, pure white, which is much in their favor compared with a colored bean. Thin sowing is necessary, two plants to a hill being sufficient. The heavy pods hang beneath the protection of the leaves, and thus escape injury from sun, rain or dew. Pkt., 10c; pt., 25c; qt., 45c., postpaid; pk., \$1.25; bu., \$4.75.



## SIEBERT'S EARLY LIMA BEAN.

A TRUE LIMA developed by the skilled labors of a market gardener, who selected the largest green beans from the thinnest and most easily-opened pods.

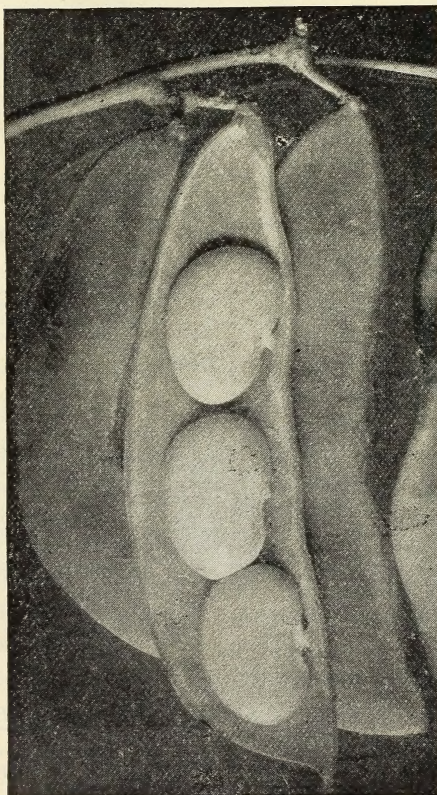
In earliness, ease of shelling, size, beauty and quality of the green beans this variety is far in advance of all other sorts, and it is recognized as the best of all the Limas for either the garden or for market.

The pods rarely contain more than four beans, but the yield is enormous and continuous from first to last of the season. Pkt., 10c; pt., 30c; qt., 50c; pk., \$1.50; bu., \$6.00.

## FORD'S MAMMOTH POLE LIMA BEAN.

*The Largest and Most Productive Lima Bean.*

THE pods of this most desirable Bean grow to an average length of 8 inches and are produced in great clusters. The pods have from 5 to 7 Beans of excellent quality, both green and dry. It might be called an ever-bearer, as the pods are produced early at the bottom of the pole, and are continuously produced until the frost destroys the vines. We consider it the most productive and largest podded Lima Bean. Pkt. 10c., pt. 25c., qt. 50c., pk. \$1.80, Bu. \$6.25.



SIEBERT'S EARLY LIMA BEAN.

## STRINGLESS GREEN POD... BUSH BEAN.

*The Only Green Pod Bean that is Always Stringless.*

FULLY deserves the high reputation it bears. Ready to market earlier than long yellow, six weeks. In quality towers ahead of all in its class. Remains tender and crisp after maturity longer than any other sort. Pods long, straight and beautiful. Valuable for the private table and a money producer for market gardeners. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.25; bu., \$4.75.

## DETROIT DARK RED TURNIP BEET.

THE MOST desirable extra early sort for planting out of doors. Its small, upright growing tops, early maturing and the splendid shape and color of the roots make it popular with everyone who plants it. Tops small, upright growing, so that the rows may be close together; leaf stems and veins dark red, blade green; roots globular or ovoid, peculiarly smooth; color of skin, dark blood-red; flesh bright red, zoned with a lighter shade, very crisp, tender and sweet, and remaining so a long time. We believe that the stock of this variety which we offer will produce a crop every way satisfactory. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c.



## Barnard's Early Snowball Cauliflower.

THERE is no vegetable where the quality of the seed has more to do with the success of the crop than in Cauliflower. It is one of the seeds in buying which the **price** should never be considered.

BARNARD'S EARLY SNOWBALL is a very early strain of Cauliflower. The plants are of *dwarf, compact habit*, almost every one will make a solid head of pure white color and finest table quality. Pkt., 10c; ½ oz., \$1.35, oz., \$2.50; ¼ lb., \$8.50.

## IMPROVED BRIDGEPORT DRUMHEAD CABBAGE:::

BRIDGEPORT DRUMHEAD is the most popular Cabbage grown in the vicinity of this city. It has been extensively cultivated for our local market and for shipping South for several years past.

It makes a large, round, firm head which seldom bursts or rots. Our local gardeners say this Cabbage fully meets their requirements. Many of them will take no other seed than Bridgeport Drumhead.

Our stock is strictly first-class genuine stock. We can recommend it to our gardener customers. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.50.

## HOLLAND CABBAGE

**The Hardest and Most Certain to Head Late Cabbage.**

NOTED for its *long keeping* trait and for ready sales in spring market. Heads are medium size, white, round and solid. A very superior Cabbage, one you should surely give a trial. Pkt., 5c; oz., 25c; ¼ lb., 80c; lb., \$3.00.



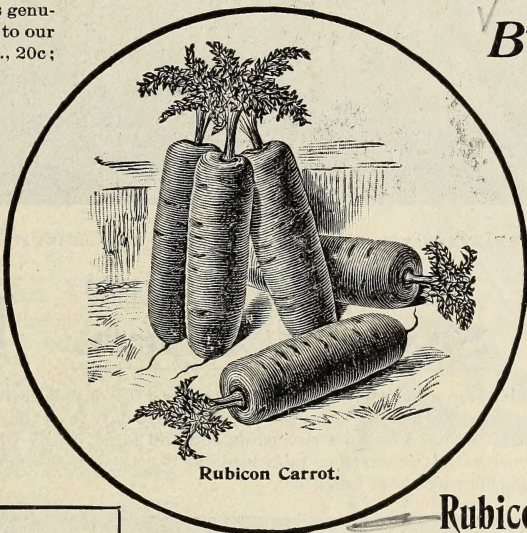
BARNARD'S EARLY SNOWBALL CAULIFLOWER.

**BARNARD'S IMPROVED**

**DANVERS::: CARROT.**

*Market Gardener's Special Strain.*

A Handsome appearing carrots appeal to the eye of the intending purchaser, this fine strain is such a one as every market gardener should plant. It has *fine form* is of a rich orange color, flesh sweet and tender with almost no core. The private planter will find in this carrot one that is unexcelled for table use. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.



Rubicon Carrot.

## Rubicon Half Long Carrot.

UNDER the skillful selection and care of a well known market gardener this strain has been perfected so that the Carrots are of such uniform shape as to be almost exact duplicates of each other.

This Carrot is earlier than Danvers, about the same length but heavier and wider at the shoulder. Flesh deep red orange-color, quality excellent, either for table use or feeding stock.

The RUBICON grows without neck, well under the ground, which prevents it from becoming sunburnt—an important feature. Many market gardeners are now planting the RUBICON to the exclusion of all others. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 75c.

Superb  
Quality.

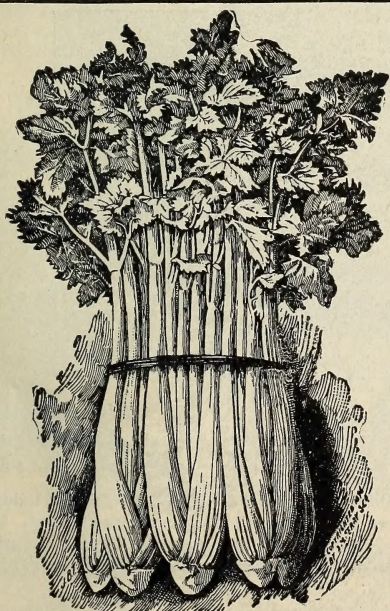
....EVANS'....  
**TRIUMPH CELERY.**

...Best...  
Late Sort.

WE can recommend this celery as worthy of the *First Place* as a late Celery. It is of compact growth and requires the whole season to develop. When mature the very solid stalks are of the finest quality and texture, crisp, brittle, tender, and real nutty in flavor, having a decidedly stronger celery taste than any other variety. Packet, 5c; oz., 30c; lb., \$3.00.

## Golden Self-Blanching Celery.

THE best celery in cultivation and the most profitable for market and family use. The handsome appearance and straight, strong stalks of this celery are certain to make it appetizing. The heart is large, solid, golden yellow in color and of delicious flavor. It will turn at maturity to a yellowish white without banking, but like all other celeries is improved by having some dirt brought up to the stalks. Pkt., 5c; oz., 25c; lb., \$2.50.



EVANS' TRIUMPH CELERY.



## Egg Plant.

This vegetable, when well and properly cooked, is delicious eating. It is not cultivated as much as it deserves to be.

### NEW YORK IMPROVED PURPLE, Spineless.

THE New York improved Egg Plant has been the standard variety for years, but this selection is vastly superior in every respect.

The habit of the plant is low and branching, and is quite free from spines, both on the plant and calyx of the fruit, which are of the largest size and perfect form.

Eight to ten are produced on a plant. It is extremely early, at least two weeks ahead of the old variety. The splendid quality and great productiveness of this selection will greatly increase the popularity of this delicious vegetable.

This variety has about superseded all others, both for family and market gardeners. Pkt., 5c; oz., 30c; ½ lb., 75c; lb., \$2.75.

## ..EXTRA EARLY SWEET CORN..

### ✓ Mammoth White Cory.

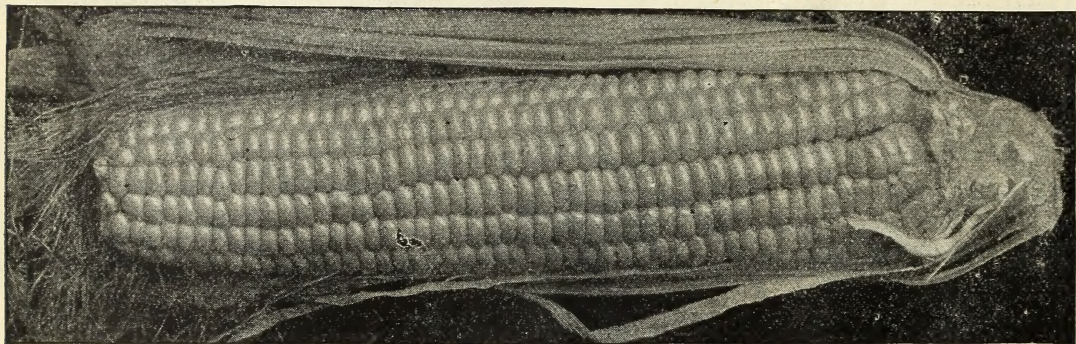
No other early Sweet Corn can compare with it in size.

THE STALKS are no larger than those of the White Cob CORN, but each stalk furnishes two or more large, fine-shaped ears which are usable before those of any other sort.

The grain is white, the quality is good, and the twelve-rowed, attractive ears gives the variety ready sale in all markets.

The market gardener who plants this variety is sure to get the best trade.

Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.00; bu., \$3.75.



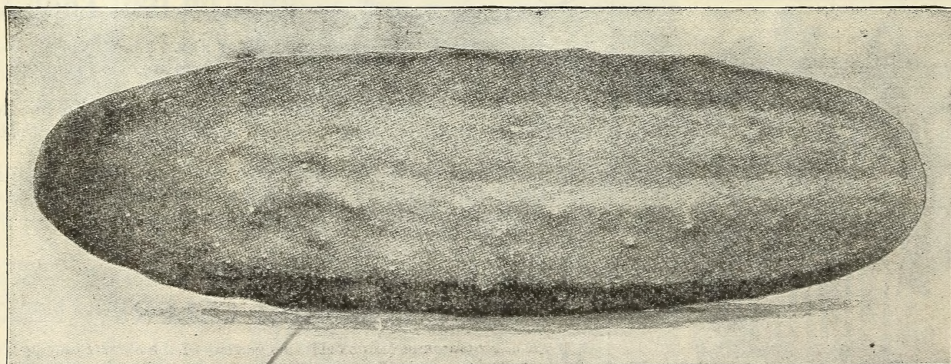
AN EAR OF EARLY CHAMPION, PHOTOGRAPHED GREEN WHEN READY FOR COOKING.

### Market Man's Money Maker.

### ✓ Early Champion Sweet Corn.

### Largest and Sweetest Best Early Corn.

WITHOUT DOUBT the earliest large corn ever introduced, being only a few days later than Cory, with ears nearly as large as the Mammoth. Ears were grown ready for table use in sixty-one days from time of planting, and they weighed one and one-half pounds each. It has a medium size white cob and large, pearly white kernels, very sweet, tender and full of milk. Our personal experience with it as served on table leads us to endorse it as a most excellent corn either for market or table use. Pkt., 5c; pt., 15c; qt., 30c; pk., 75c; bu., \$2.50.



TENDER, CRISP  
and BEST for  
SLICING. ❀❀❀

### ... EVERGREEN EARLY ... WHITE SPINE CUCUMBER

Always remains  
deep green  
❀❀❀ in color.

To those who have never grown this valuable variety we would state that it differs from the ordinary White Spine in holding its deep green color much longer, both before and after being taken from the vines. It is also earlier and more productive. The fruit is of good size, straight, well-formed and full at both ends. Tender, crisp and best for slicing. As a shipping and market variety it is superior, its fine appearance always insuring "top notch" market price. There is no better sort for the home garden. Pkt., 3c; oz., 7c; ½ lb., 20c; lb., 60c.



## 4 SUPERIOR LETTUCE 2 2

WE can with the fullest confidence commend to every person who grows Lettuce the three very choice varieties described below. *NOT ONE OF THEM* will disappoint you in any particular.

Certain sections of the country are better adapted by climatic influences, (or perchance as the result of the skill of the cultivators), to produce a better quality of vegetables than others. Thus the extreme end of Long Island is noted for its Cauliflowers; the great Nebraska plains yield the highest types of Cucumbers, and the growing of Lettuce has been made more of a specialty in Grand Rapids than in any other locality in the United States with one possible exception.

### Grand Rapids Lettuce...

Of beautiful appearance and superior quality the GRAND RAPIDS LETTUCE brings the highest prices in almost every market. It is a forcing variety, strong grower, forms a loose head of yellowish green leaves, is remarkably free from rot and keeps crisp and tender without wilting when exposed for sale, longer than any other forcing lettuce. It is also a desirable variety for early spring sowing in the open ground. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

### CALIFORNIA CREAM BUTTER LETTUCE.

AS shown in the illustration this is a Cabbage Lettuce with round heads of good size, which are so very solid they often have to be cut before the seed stalk can appear. Extremely slow to run to seed.

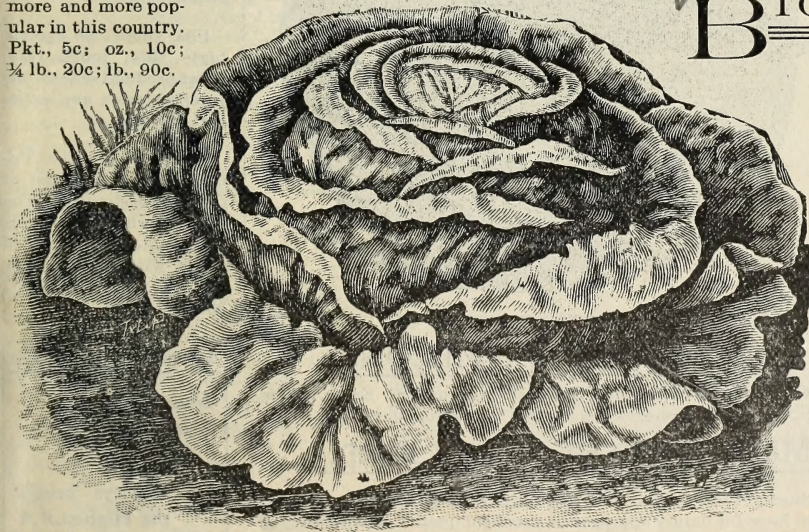
Outside the heads are of a medium green, slightly marked with small, brown spots; within the leaves are of a very rich cream yellow color, most refreshing in appearance, and particularly rich and buttery to the taste. It is medium early and one of the best summer varieties of head lettuce we have ever seen. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

### COS OR CELERY LETTUCE.

THE TRIANON Cos Lettuce is distinct from all others in having a *flavor all its own* and a *crispness and tenderness unapproached by any other*.

Cos Lettuce differs from the loose-leaved and cabbage sorts in having long, narrow, spoon-shaped leaves, which usually fold into loose sugar loaf shaped heads. They blanch better by having the outer leaves drawn about them and tied.

They are justly celebrated throughout Europe, and become more and more popular in this country. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 90c.

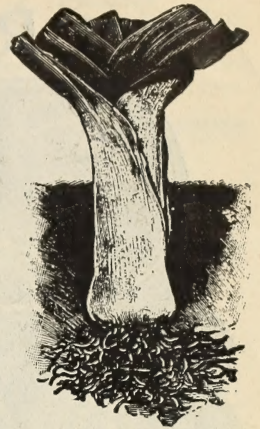


## LEEK. Monstrous.... Carenton.

LEEKS belong to the onion family and by some people, especially Europeans, are much preferred to that vegetable as the pungent odor is not discernable.

The Scottish cottager would feel that his garden was incomplete were not a patch of three to four hundred leeks in cultivation. The MUSSELBURG Leek in its native home grows to a good size.

The MONSTROUS CARENTON, which we now list, is extremely hardy. Much larger than any other variety and of superior quality. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25.



CARENTON LEEK.



## BIG BOSTON.

The Best Midseason

or . . . . . Summer Lettuce.

POPULAR with the market gardeners because it always produces large, salable heads. The amateur cultivator appreciates this Lettuce because of its crisp, tender quality at all seasons of the year.

It is about one week later than the well-known Boston Market, but double the size.

Most desirable either for forcing in cold frames or open ground planting . . . . .

Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.

## Barnard's Superior Mushroom Spawn.

and our reliable, fresh Spawn gives the planter every advantage.

Prices on larger quantities quoted on application.

We at all times carry a stock of the highest grade ENGLISH MUSHROOM SPAWN, importing it direct three or four times a year. Mushrooms are a profitable crop when successfully grown, Brick, postpaid, 25c. Not prepaid, lb., 15c; 10 lbs., \$1.25.



# PAUL ROSE MUSK MELON.



ORIGINATED with one of the most successful Melon growers of the country. Before this Melon was brought into the hands of seedsmen it was sold under the name of Petoskey, and it is so offered in some catalogues this season. It is a successful cross of the Osage with the Netted Gem and combines the sweetness of the former with the fine netting of the Gem. It also has a firmness of rind and "cheesy" structure of flesh peculiarly its own.

These melons are shipped to Chicago and other cities in oblong handle-baskets holding one half bushel each. The uniform size of the fruits is such that sixteen melons placed in two layers exactly fill one of the baskets.

In appearance this melon resembles the Netted Gem. The flesh is a rich orange red color

like that of the Osage but of higher color and sweeter. Its handsome appearance makes it sell readily.

**This Melon is the best shipper we know of and it is just the right size for hotel or table use.**

This Melon has been extensively advertised. The professional Melon grower will do well to try it, especially those who grow melons to ship for market. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

## STRAWBERRY MUSKMELON.

WE believe we had the pleasure to introduce this melon to the gardening public, having offered it for the first time last year.

The Strawberry melon has somewhat the external appearance of the old Nutmeg, being ribbed and netted. It remains green in color until ripe, when it assumes a yellowish tint. Grows to a good size.

The greenish yellow flesh is deep and fine. The flavor is exceptionally good, though peculiar, suggesting strawberry, and hence the name.

The melon is in great demand where known, and the originator says that people stood in a row in his market, waiting to buy it, though he sold it only with seeds removed. It is an early melon; much earlier than its parent. Packet, 10 cents; ounce, 20c cents;  $\frac{1}{4}$  pound, 50 cents; pound, \$1.50.

## WATER MELON.

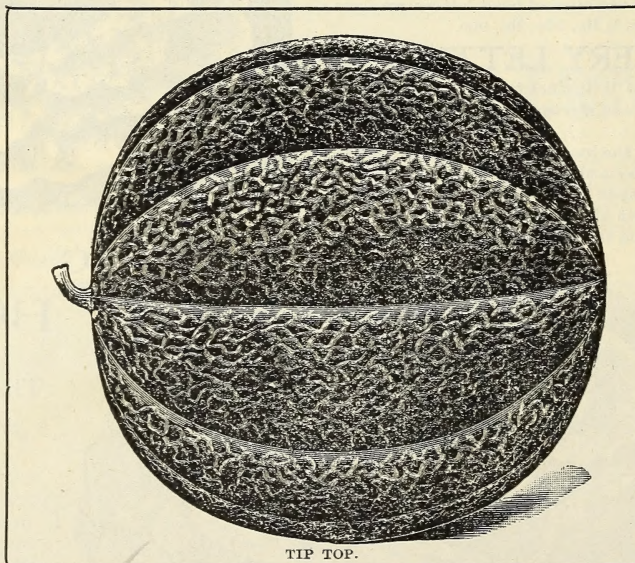
### NEW TRIUMPH.

EARLY  
HANDSOME.

THIS melon is a cross between Duke Jones and Kolb's Gem. It has the handsome appearance of the former and the shipping qualities of the Gem, very early, very prolific, deliciously sweet and of enormous size. It possesses all the qualities that go to make up a desirable melon.

Fine shape, an exceedingly thin, tough rind, great productiveness, attractive color and excellent quality.

We consider The Triumph one of the best of recent introductions. The farmer who values his melon patch cannot afford to do without this one. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.



TIP TOP.

## TIP TOP MUSK MELON.

It is a yellow fleshed melon of the very best quality. Every melon, big or little, is a good one. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60.

## MUSK MELON—ROCKY FORD.

The Rocky Ford Melon has within a very short time attained national fame for dainty appearance, excellent quality, and delicacy of flavor. It is of the Netted Gem Type, oval in shape, averaging 4 inches in length. Flesh has a delightful aroma, is juicy and rich, color greenish white. Nearly all prominent hotels, east and west, now include the Rocky Ford Melon in their bill of fare. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

A Healthy,  
Vigorous Grower.

Exceedingly  
Prolific.

Unsurpassed in  
Luscious Flavor.

Most Desirable  
Size for Dessert.

Always brings  
the Highest  
Price on  
the Market.



# HIGHEST QUALITY ONION SEED. PRICES REASONABLE

**GOOD ONION SEED** is what everyone wants who decides on raising a crop of this profitable vegetable. We have that kind and none other. If you want several pounds write us for special price. Always state quantity and variety you require.

## EARLY RED GLOBE

THIS is a comparatively little known Onion. When gardeners generally become acquainted with its extreme earliness—

it is ready for use many days ahead of all others—we are certain it will be extensively grown. It is excellent for fall and winter use. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.25.



Early Red Globe.

## WHITE GLOBE

ONE OF THE HANDSOMEST ONIONS GROWN.

IT commands the highest market price, by reason of its beautiful form and clear, white skin. A rapid grower and heavy yielder. Those who require a white onion need look no further for a first-class variety. Pkt., 5c; oz., 25c; ¼ lb., 70c; lb., \$2.50.

## BARNARD'S ...YELLOW GLOBE DANVERS

## ONION.

PERFECT IN SHAPE.  
BEST IN COLOR.  
GREATEST IN YIELD.

THIS special strain of Yellow Globe Danvers Onion represents all that can be attained by intelligent cultivation and selection. Its handsome appearance will recommend it to the market man; its long-keeping qualities and enormous productiveness, to the grower. It produces firm, solid bulbs of medium size, their skin of rich brownish yellow color, white flesh, fine grained, mild flavor and excellent quality. The necks are very small and cure down to almost nothing. Our illustration from a photograph speaks for itself.

It matures early and all at once, and brings the highest prices to our Chicago gardeners to whom we sell largely of this seed.

In point of yield it cannot be surpassed, 800 to 1,000 bushels per acre on good, well cultivated soil not being an uncommon crop. Seed from this type is the most reliable for bottoming, and the Onions are the very best of winter keepers. It is well adapted to all classes of soils, and especially good for marsh lands on account of its quick maturing qualities. All things considered, it is the most profitable Onion for the market gardener. Pkt., 5c; oz., 15c; ¼ lb., 70c; lb., \$1.50. Special price on large quantities.



## White Top Onion Sets.

The common yellow or Red Top Onion Sets, from which are grown early, large, well flavored onions, are generally known. The WHITE TOP ONION is not so common. We have an extra stock of these produced by hybridization. They produce larger onions than the ordinary varieties. They are more attractive in that they are white and in table qualities they excel all others. Pt., 20c; qt., 35c, postpaid. Pk., (7 lbs.) \$1.00, not prepaid.



# FOUR LEADERS IN GARDEN PEAS.

**MARKET  
MEN'S  
MONEY  
MAKERS.**

**BARNARD'S LEADER.** The Earliest of the Earlies . . . . .

**GRADUS.** An absolutely new and the first early wrinkled Pea . . . . .

**TELEPHONE.** See illustration. The Best of all LATE Peas . . . . .

## New Family of Extra Early Wrinkled Peas.

**GRADUS**

Also called **Prosperity**

THE GRADUS is an ideal extra early Pea. We feel confident that it will in time occupy a foremost place both for the amateur and market gardener.

By this acquisition we may now have Large, Tender Peas, Sweet and Delicious, in

### EARLY JUNE.

The vine has heavy stems with long, dark green leaves, and grows from 2½ to 3 ft. in height.

It produces uniformly large pods, measuring from 4 to 5 inches long, well filled with peas of enormous size for such an early variety.

The peas remain tender and sweet for a long time.

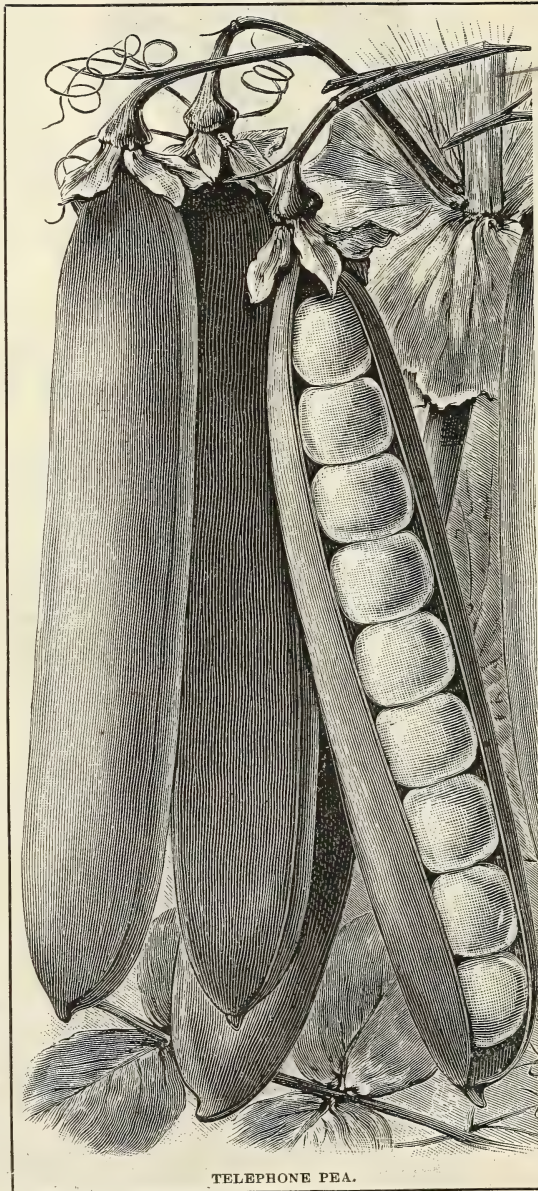
We can highly recommend this splendid wrinkled Pea to market gardeners. Its abundant bearing, and large well filled pods will make it extremely profitable. Pkt., 10c; pt., 30c; qt., 50c; pk., \$2.50; bu., \$8.

### DWARF

### TELEPHONE.

Now Offered for the First Time.

AN exceedingly valuable second early pea of dwarf, stocky growth, resembling the well known Tall Telephone in every way except that the vines are quite dwarf—18 to 24 inches. Pods about five inches long. Peas of largest size, light green and of delicious flavor. Pkt., 10c; pt., 30c; qt., 50c; pk., \$2.00.



TELEPHONE PEA.

## New Early Pea ..ECLIPSE

ON account of extreme earliness this new wrinkled pea eclipses such well-known sorts as Alaska, American Wonder, Rural New Yorker and others.

This is a strong statement, but it has been fully substantiated . . .

In productiveness three lbs., in garden culture, yielded 60 lbs. The following season the same quantity planted in the garden produced 45 lbs., resulting from spring frosts, followed by severe drought.

The vine reaches about two feet in height; pods shape of those of American Wonder Peas, smaller than those of that variety, green and wrinkled. Pkt, 10c; pt., 30c; qt., 50c.; pk., \$2.00.

## TELEPHONE

THIS pea has proved a valuable acquisition. Vines vigorous, growing about four feet high, with large, coarse leaves.

Pods very large, filled with immense peas, which are tender, sweet and of excellent flavor.

Notwithstanding the large amount of inferior and spurious stock which has been sold, no pea of recent introduction has gained more rapidly in popularity than this thus showing that it has sterling merit which gardeners appreciate.

The stock we offer is prolific and has been carefully selected. Pkt., 5c.; pt., 20c.; qt., 40c.; pk., \$1.40; bu., \$5.00.

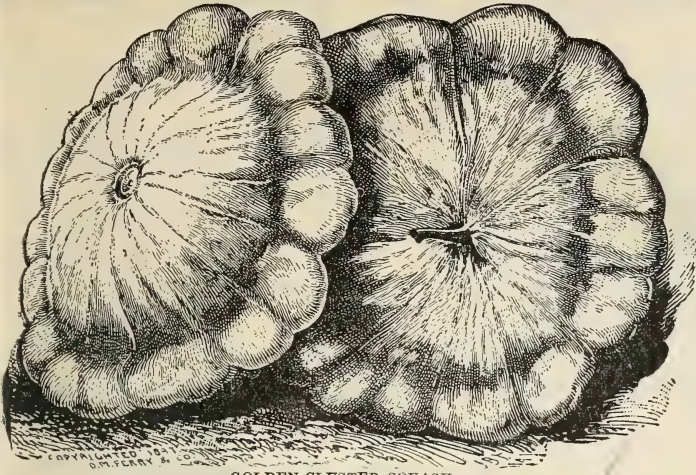
**THREE  
BEST PEAS  
FOR...  
TABLE USE.**

.....They may all be planted the same time. Will be ready for use in succession and furnish an abundance of delicious Peas all summer.....

For complete description of the above three Best Peas for the table see page 38.

**NOTT'S EXCELSIOR  
HEROINE  
DUKE OF ALBANY.**





GOLDEN CLUSTER SQUASH

## VICTORIA ....SPINACH

THIS SPINACH is valuable for spring sowing from the fact that it is nearly as early as any, and is in prime condition two weeks or more after all others have gone to seed. The leaves are dark green, thick and heavy. Whether grown for the market or in the private garden it is sure to please.

It is practically an

"ALL SEASONS"

SQUASH. ❀❀❀

Oz., 5c; ¼ lb., 15c; lb., 40c.

### 3 SUPERIOR SQUASHES.

Bush Squashes are welcomed on the table in summer, and the late varieties excel pumpkins for cooking.

## Golden. ❀❀

PRODUCTIVE  
EARLY  
BEAUTIFUL  
GOOD

## Hubbard Squash..

SEE ILLUSTRATION BELOW

A True Hubbard Squash except in Color  
which is Bright Red.

ORIGINALLY this new, distinct and most valuable Squash was sent out under the name it still retains, GOLDEN HUBBARD, and it is a trifle misleading because the skin is a rich orange red instead of the dark olive green of the old, well-known Hubbard.

It ripens its fruit very early and uniformly, and though maturing early the Squashes are wonderful long keepers so that can be carried over for spring use.

The shell is warty, hard and strong. Flesh, deep orange rich in color, and in quality fully equal to the Hubbard Cooks very dry and fine grained. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

**GOLDEN CUSTARD.** The shape and appearance of this extremely large bush squash are shown in our illustration. It exceeds in size any of the scalloped sorts, growing frequently two feet in diameter. The color as indicated by its name is a rich golden yellow. In table quality it is excellent. This and Silver Custard, described below, are much esteemed by gardeners. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

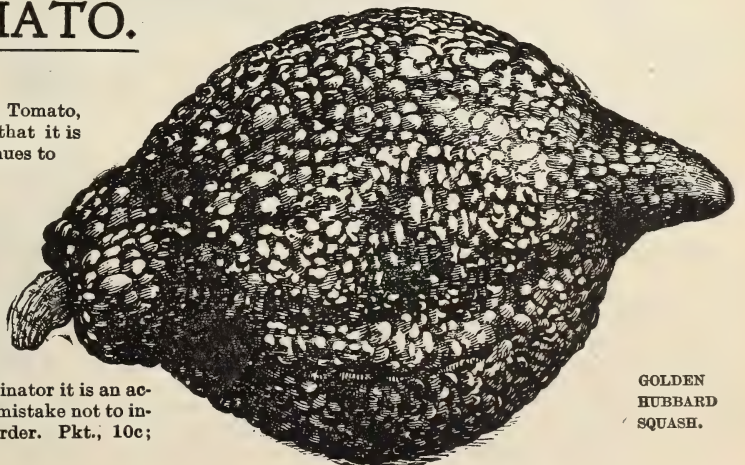
**SILVER CUSTARD.** Closely allied to Golden Custard, resembling that variety in shape and habit of growth. It is a light colored or nearly white squash, that for productiveness and general good quality is not excelled by any. The chief merit lies in its increased size over that of other white squashes. For summer use this is a most desirable squash to grow. We advise a trial of all these new squashes as we feel certain every one of them are decided improvements on older strains. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

## IMPERIAL TOMATO.

IT IS a sport or hybrid of that well-known Tomato, Dwarf Champion. The originator says that it is earlier than its parent, and that it continues to bear fruit until killed by frost.

THE IMPERIAL is the peer of any Tomato for form, solidity and every quality found in a first-class Tomato.

It is highly endorsed as a very large, smooth Tomato, which ripens clear up to the stem and as being very productive. In color it is a purplish crimson. If it does as well elsewhere as it has on the grounds of its originator it is an acquisition, and every gardener will make a mistake not to include a package of this variety in their order. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.50.

GOLDEN  
HUBBARD  
SQUASH.



# Specialties in Flower Seeds.

*All have superior merit though some are not strictly new.*

## Ornamental Asparagus.

Two of the most popular plants of the day are described below. Both are easily grown from seed.

2344. **ASPARAGUS SPRENGERI.** Perhaps the best known plant introduced in years. Especially useful to grow as a pot plant for decorative purposes, or for planting in ferneries or suspended baskets. Pkt., (10 seeds) 20c.

2349. **ASPARAGUS PLUMOSUS NANUS.** A beautiful climbing plant with bright green, gracefully arched foliage, surpassing Maiden Hair Ferns in grace, delicacy of texture and richness of color. The fronds are 12 to 15 inches in length and taper to a point from a width of 12 inches. One of the most beautiful decorative house plants. Pkt., 10 seeds 20c.



Semple's...

Branching



Asters.

**T**HIS Aster is a strong grower and its tendency to form numerous branches is very marked, therefore it should have more room than the ordinary Aster. The plant continues to grow later in the season than any other variety with which we are acquainted, and blooms correspondingly late, thus giving its crop of flowers in late autumn, a season when there is always a scarcity of bloom.

The flowers are borne on very long stems and are four inches and more in diameter. The petals are broad, long, and many of them more or less twisted or curled in such a manner as to give the blooms the appearance of large, loose and graceful Chrysanthemums.

The Branching Aster is easily grown from seed and is of great utility and beauty for bedding purposes, coming at a season when there is little else in flower, anticipating as they do the Chrysanthemum season by a month or six weeks.

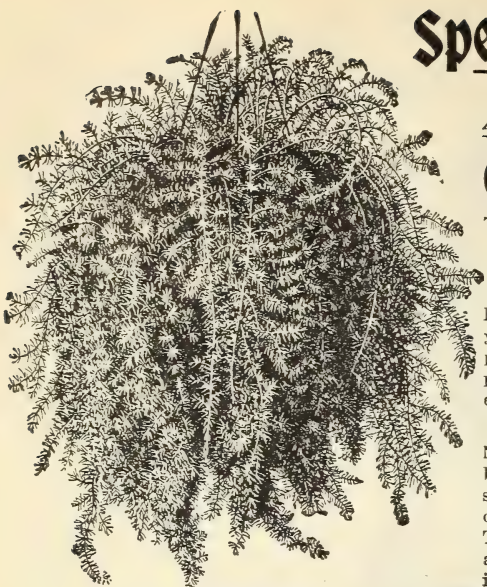
We offer this strain in three separate colors and mixed. Pkt., 10c each.

2174. *White.*

2179. *Pink.*

2180. *Lavender.*

2185. *Mixed.*



ASPARAGUS SPRENGERI.

## Daybreak Aster



Color,  
Soft Sea Shell  
Pink...

Like Daybreak  
Carnation...

Round  
As a Ball...

Large Size...

The Ladies'  
Favorite...



2194. The accompanying illustration, from photograph, shows one of the vigorous, free-blooming plants of Daybreak Aster. The delicate pink color, erect and graceful habit, and immense display of flowers when seen in a mass, is simply charming beyond description. The plant is of a robust and sturdy habit of growth, producing the large flowers on long and graceful stems making it a most excellent Aster for cut flowers. One of the finest varieties of recent introduction and truly a novelty of great merit. Pkt., 15c.

## NEW JAPANESE ASTERS.

2081. The beautiful flowers of this new strain of Asters offer a most striking contrast with those of any other variety. They are of immense size, measuring from five to six inches across, with long petals curiously waved and curled, so as to give them a striking resemblance with the most disheveled Japanese Chrysanthemums. They make vigorous growing plants, fourteen or fifteen inches high, well branched, and producing quite a number of enormous flowers. The accompanying engraving is a true representation, reduced about one-half natural size. Pkt., 15c.



NEW JAPANESE ASTERS.



## BEGONIAS.

**F**EW plants grown from seed so well repay the slight attention necessary to their cultivation as Begonias. The beauty and variety of their brilliant flowers and ornamental foliage is truly beyond description.

### TUBEROUS ROOTED BEGONIAS.

One of the most popular plants for pots or bedding. Its unequalled brilliancy and variety of colors is greatly admired. The flowers are extremely beautiful and borne in great profusion. Can be grown from seed at a trifling cost compared to the purchase of roots. Should be sown in February or March; as the seeds are very fine (almost dust) it should be scarcely covered and kept moist. In watering, care must be taken not to wash out the young plants. Use a rubber sprayer.

2226. *Single*. Pkt., 20c.

2227. *Double*. Pkt., 20c.



TUBEROUS ROOTED BEGONIA.

## NEW BEGONIA ERFORDIA.

A little beauty as well as a most distinct variety. It is a most profuse bloomer, commencing quite early and continuing until late autumn, even a touch of frost does not kill it. An excellent variety for bedding as it grows and flowers freely in our hottest weather. Plants taken up before frost and potted will bloom indoors all winter. The color of the flowers is a soft pink. Leaves and stalks are a bronzy color.

2232 b. *Begonia Erfordia*. Pkt., 15.

### BEGONIA VERNON.

2237. No summer bedding plant or winter window bloomer comes more readily from seed and is so constant in flower as this. It stands the hottest sun, is at all times covered with blood red flowers, while its dark green waxy-like foliage makes a pleasing contrast. Pkt., 10c.

## COSMOS "DAWN."

Commences to bloom in July and continues until frost.



COSMOS.

### NEW MAMMOTH FLOWERING

## Allegheny Hollyhocks.

Blooms the first year from seed.

2765. The flowers of this new variety are so different from the old conventional ones that but for the similar habit of the plant it would not be taken for a Hollyhock.

They are from 4 to 6 inches in diameter, ranging from semi-double to double, and so finely fringed and curled that, compared with the old ones, they have the look of a flower from Fairyland.

The colors are shell pink, rose and ruby red, a shade or two deeper at the center, and exquisitely tinted toward the edge.

The flowers do not, as on the other double Hollyhocks, rot on the stems, but drop as soon as they fade.

Above gives an idea of these flowers, but does not by far do them justice, as the fine, graceful appearance and peerless shading cannot be reproduced; such colors are found only in silks. Pkt., 15c, 2 for 25c.

2510. The Cosmos is now one of our most popular flowers, but frequently, on account of its coming into bloom so late, the plants are destroyed by frost without having perfected a solitary flower.

This new variety comes into full flower in July, and continues a mass of bloom until cut down by severe frost. This feature alone is sufficient to stamp it as a novelty of the first-class and will make their successful cultivation possible in the most Northern States and Canada; but added to this it is of dwarf, compact growth, growing only 4½ feet high, while the old variety growing alongside towers up nearly 7 feet, a victim to the first strong wind. The flowers are fully as large as in the best selections of the old type, the color is a beautiful white, relieved by a delicate tint of rose at the base of the petals, altogether the finest novelty introduced in many years. Pkt., 15c; 2 for 25c.



CENTAUREA MARGUERITE.

## NEW CENTAUREA, Marguerite.

2397. This fine annual from Italy, named in honor of the queen of that country, has, after trial, proved of much merit. It is valuable alike for cut flower and decorative purposes. Grows about eighteen inches high. The large flowers are purest white, deliciously scented and born on long stems. Pkt., 10c; 3 for 25c.

### GIANT PERSIAN CYCLAMEN.

2517. Flowers of extraordinary size and of great substance. The leaves are proportionately large and beautifully marked. These are among the most beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental. The colors range through shades of pink, crimson, white, spotted, etc. Most of them are, moreover, delicately fragrant. Mixed. Pkt., (25 seeds) 20c.

## Datura Cornucopia.

2538. "HORN OF PLENTY."

The grand trumpet-shaped flowers measure from 7 to 9 inches in length and nearly 6 inches across, and form three distinct trumpets growing each within the other. The throat and mouth of the corolla are delicate white, while the outside is marbled with purple, forming a most striking contrast. The flowers, which are very sweet, are produced in great abundance. The plants grow to a large size, forming bushes three or four feet across; the stem is thick and of a shining dark purple. Pkt., 10c; 3 for 25c.

## Larkspur.

2549. AMERICAN BANNER.

The double flowers are blotched and striped in various shades of pink, carmine, dark blue and purple, beautifully blended, sometimes four or five shades on one stalk. Pkt., 10c.

## Lobelia.

2824. PRIMA DONNA. This is a very choice variety of the bedding Lobelia. It is of dwarf, compact habit, with lovely dark red flowers, and is covered with them all the season. Recommended for the bordering of flower beds or to be grown in a bed consisting entirely of this flower. Pkt., 10c.



# ..Four Fine PANSIES..

For other very Choice Pansies and Mixtures see page 74.

3205. **PRESIDENT CARNOT.** A valuable Pansy, for which we are indebted to a celebrated French raiser. The flowers are large, of elegant shape. A deep velvety violet blotch crosses the greater surface of each of the five petals, the outer edge of which is margined with clear white. The two colors stand out in sharp contrast. Pkt., 10c.

3245. **COQUETTE DE POISSY.** An entirely distinct and striking color different from anything before known in Pansies. A charmingly dainty blending of pale blue and rose tints, resembling the exquisite tones in some of the Cattleyas. (Orchids.) Pkt., 10c.

3373. **HORTENSIA.** This new Pansy bears large circular flowers of both light and dark *rose*, with prominent blotches on the lower petals. Pkt. 15c.

3345. **FIRE KING.** The three lower petals each have a large blotch of deep brown-red or magenta margined with yellow, while the upper petals are of a bright reddish-brown, of a *really fiery shade*. Pkt., 10c.

3373a. **SUPERB MIXTURE.** As is well known, the Bugnot, Cassier, Odier and Trimardeau Pansies are noted for their very large, handsome flowers. We offer the seed of these mixed in correct proportion. Pkt., 15c.

## • New Petunia. •

### Snowball.

2965. This charming variety belongs to the dwarf compact class, forming round, bushy little plants, about 8 inches high. The flowers while not large, are of splendid substance, remaining boldly expanded, and are produced in such profusion as to fairly cover the plant with its pure satiny white blossoms, forming a veritable "Snowball." It blooms uninterruptedly for months and makes a beautiful edging for bedding plants, and is also a beautiful object to grow in pots. Pkt. 20c.

## Primroses.

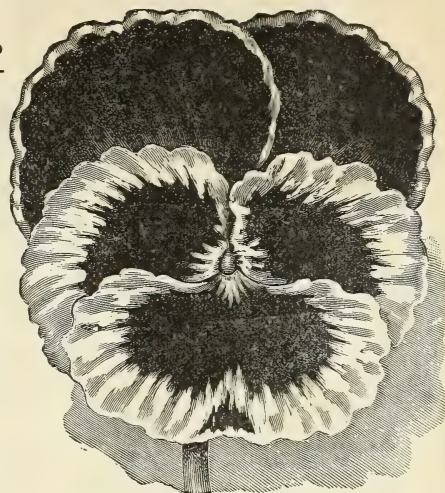
Primulas have long been popular flowers. We are able to offer two entirely new varieties this season.



PRIMULA OBCONICA FIMBRIATA.

### New Salvia Splendens, ✕ "Drooping Spikes."

3537. This new, large flowering Salvia (Scarlet Sage) has three times the flowering capacity on each spike of the ordinary Salvia Splendens. The flowers are produced in great numbers, causing the spikes to droop by their weight. It is one of the most desirable plants for decorative purposes, if planted either singly, in groups, or with other plants. Pkt., 15c; 2 pkts, 25c.



FIRE KING PANSY.

### CHINESE PRIMROSES.

3483. We offer single mixed seeds of this lovely flower, that for house culture has few equals for dainty appearance. Pkt. of 100 seeds, 15c.

### PRIMULA FORBESI.

3499. **The BABY Primrose.**

Primula Forbesi is but little known; our very accurate cut shows how freely it bears its long stemmed flowers of a delicate rose, so valuable for fine floral work. Remains fresh for two weeks after cutting. This is the freest flowering Primula we know of. The seed comes up very readily, and the little plants throw up tiny flower stalks when only a few weeks old. These, however, should be pinched off, and the plants kept growing until October, when the flowers may be allowed to develop, and from then on until late in spring they produce their sprays of beautiful rosy-lilac flowers in seemingly never ending profusion, and we predict it will soon be as much of a favorite here as it now is in Europe. Pkt., 25c.

### ...New Large Flowering Primula Obconica...

3502. This is one of the most useful flowering plants. If sown early in spring the seedlings will commence to bloom in May or June and continue to flower throughout the whole year. The flowers are of a soft lilac shade and very charming. It is one of the most useful Primulas for pot culture, and also succeeds well in the open border during the summer months. This is the true description of the old type; the *new large flowering Obconica* is an improvement on it both in size of flowers, which are about double their size and are borne on stiffer stems well above the foliage, and they also show a marked improvement in colors, containing new rose and lilac shades. Pkt., 15c.

### PRIMULA OBCONICA GRANDIFL. IMBRIATA.

3505. A fringed variety of the well-known large flowering Primula Obconica and like that sort, is a most profuse flowering and easily grown variety. The flowers are as finely fringed as the Chinese fringed Primrose, and are delightfully fragrant. Most useful for cutting, lasting well. Pkt., 20c.

### FAIRY ROSES, From Seed.

3500. With seed of these new Roses, plants may be had in bloom in 60 days from time of sowing. Plant at any time. They grow quickly, and flowers appear in large clusters, and in such great quantity that a plant looks like a bouquet. Perfectly hardy in the garden, where they bloom all summer. In pots they bloom both summer and winter. From a packet of seed one will get Roses of various colors—white, pink, crimson, etc.—no two alike, and mostly perfectly double and very sweet. Mixed colors. Pkt., 20c; 3 for 50c.



## • • The Cream of the Newest Sweet Peas • •

THE splendid varieties described on this and two other pages of this catalogue, (pages 78-79) embrace everything in Sweet Peas produced to date that is **distinct, beautiful and desirable**, that we have tested.

### AURORA.

3680. Flowers are *very large*, strikingly beautiful, three to four on a stem. The color effect is charming, both wings and standard are flaked and striped on a white ground with bright orange salmon. For bunching alone or to brighten a bouquet of assorted colors nothing could be more charming. Pkt., 5c; oz., 15c.

### BRILLIANT.

3689. Color a rich, bright *crimson scarlet*. Does not sunburn or become marbled. Pkt., 5c; oz., 15c.

### CROWN JEWEL.

3696. Creamy white, shaded and veined with violet rose. It is a most profuse bloomer. Decidedly one of the best. Pkt., 5c; oz., 15c.

### CUPID, PINK.

3702. A novelty of last season. Flowers pink. Plants are vigorous growers and very dwarf. Pkt., 25c.

### LITTLE DORRITT.

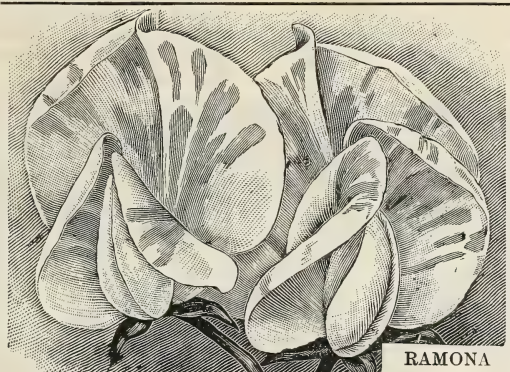
3730. A superb pink and white large expanded flower. A much improved *Blanche Ferry*. Pkt., 5c; oz., 15c.

### MARS.

3741. Of all the *scarlets*, this is the **best**. The color is bright, fiery, deepening with age. Pkt., 5c; oz., 15c.

## Bouquet Collection

Containing one packet each of sixteen superb varieties (see page 79), 50 cents. The same sixteen kinds each put up in a separate oz. bag, making a pound of Sweet Peas for 75 cents.



RAMONA

## ROYAL MIXTURE.

It contains seeds of more than thirty varieties of very choice Sweet Peas.

**MAYBE** You think that's exaggeration! However, we will prophesy that if you allow yourself to invest in even one ounce of our

### "Royal Mixture of Sweet Peas"

you will not only be rewarded with a wealth of glorious flowers, but derive greater satisfaction in growing Sweet Peas than ever before.

These are pure whites and white striped with other colors, fiery scarlets, blues, steel and purple, pink; all shades, orange, yellow, so many we cannot specify. *There is nothing cheap about this superb mixture except the price, and that is reasonable.* In no other manner can so wide a range of beautiful flowers be found in Sweet Peas as is afforded by purchasing our Royal Mixture. Pkt., 3c; oz., 7c; ¼ lb., 25c; lb., 60c, postpaid.

SEE  
WHAT IS  
IN IT.

### CAPTIVATION.

3693. An expanded flower of a color new in Sweet Peas—a purple magenta. Pkt., 5c; oz., 15c.

### MRS. JOS. CHAMBERLAIN.

3743. Large, round, shell-shaped flowers of fine form; white ground, heavily flaked and striped with bright rosy red. Pkt., 5c; oz., 15c.

### NEW COUNTESS.

3750. Nothing more beautiful for a bouquet than the *pure*, light lavender flowers. Pkt., 5c; oz., 15c.

### PRIMA DONNA.

3753. Light pink; a gem; frequently bears four wellformed flowers on a stem. Pkt., 5c; oz., 15c.

### PRINCESS VICTORIA.

3767. Rosy pink; wings rose, lined pink. Fine large flower. Pkt., 5c; oz., 15c.

### RED RIDING HOOD.

3768. Flowers in form resemble a Snapdragon. Color rosy pink, shading to bluish white. The fragrance surpasses, in a marked degree, that of other Sweet Peas. The length and rigidity of the stems is remarkable; they run 18 inches long and over. Pkt., 10c.

### SPECIAL OFFER!

One packet of each of the twelve varieties, the **cream of the Newest Sweet Peas**, value 85c., for only 50c. net. *No further discounts.*

## Mammoth Flowered.... VERBENA.

*An improved strain whose very large flowers both in form and richness of color far surpass those of any other . . . . .*

FLORISTS each Spring sell young plants in bloom of Pansies and Verbenas by hundreds and thousands and these men look for and expect seed that will produce the largest and most beautiful flowers.

In this Mammoth strain will be found a percentage of striped and mottled flowers as well as a proportion of solid colors. There are also shadings and markings on the flowers of this strain seen in no other. The individual flowers are far beyond ordinary size. Plants are of vigorous growth and free blooming.

For bedding out the *Mammoth Verbena* is much superior to the ordinary sort. If you use this strain of seed a flower bed which will be universally admired is certain to greet your sight.

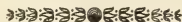
2856. *Mammoth Verbena*, mixed. Pkt., 10c.



MAMMOTH VERBENA.



## CANNAS. See illustration on front cover.



**N**O other plant now used for bedding gives such a rich tropical effect to the garden. With their large, brilliant flowers and massive foliage, Cannas are, beyond peradventure, the **most popular decorative plants of the day.**

Those who admire something choice on the lawn and to vary the monotony of beds of Geraniums, Verbenas, Pansies, etc., as well as for pot plants in the house in winter, will find their tastes gratified by cultivating Cannas. The dormant tubers we supply commence to bloom soon after planting and are a continual mass of bright coloring until overtaken by frost in fall.

### NEW GIANT FLOWERED CANNAS.

This new class is of remarkably strong growth, soon making heavy stems and massive leaves surmounted by tall spikes of orchid like flowers.

**ITALIA.** Grows 5 to 6 feet high, with very long and broad leaves. The individual flowers measure **six to eight inches across.** Center of flower is a brilliant red, bordered with a wide band of yellow, the two colors making up a handsome flower. Each 20c, 3 for 50c, postpaid.

**AUSTRIA.** A fitting companion to Italia, resembling it in every way, except in the color of its flowers, which are a canary yellow with a few traces of red spots in the center of two inside petals. Each, 20c, 3 for 50c, postpaid.

### Pompon Dahlia.

**WINIFRED.** This lovely Pompon or dwarf flowering Dahlia is of English origin. A few tubers were imported with others by us, and finding this one exceptionally handsome we decided to grow it on an extended scale. It is very dwarf, not over eighteen inches high. The plants bloom freely, were in full bloom when frost came. The flowers ordinarily are pure white; in sunny weather the petals are tipped with lavender, so that a bouquet of these flowers is a beautiful sight. Good strong, dry tubers by mail each 20c.

## CHICAGO PARKS BEDDING CANNAS.

**I**N the public parks of Chicago and all other large cities, Cannas are important factors in producing showy effects.

We offer the same Cannas which are so largely used in our parks, **many shades and colors mixed**, at a very low price. They will give you flowers from July until overtaken by frost. 3 for 20c, doz., 75c, postpaid.

## \* NEW DAHLIAS. \*

### NEWEST AND BEST.

The old favorite is again coming to the front in new forms and colors.

We grow Dahlias by the acre. In fields, when in bloom, they are a grand sight. For a complete list see page 84.

**MIXED DAHLIAS.** We have a quantity of the most choice varieties of which the names have been lost in harvesting the tubers. We will mail strong tubers of **mixed colored Dahlias** for 15c. each or 2 for 25c., postpaid.



### CLIFFORD W. BRUTON.

The finest yellow CACTUS DAHLIA ever introduced.

This superb, new variety is acknowledged by all who have seen it to be the finest Decorative Cactus Dahlia ever produced. It is a very strong, sturdy grower, and an extremely profuse bloomer for so large a flower. The flowers are large, five or six inches in diameter and perfectly full to the center. The color is a solid pure yellow of the clearest, richest shade. The flowers are borne on very long graceful stems making them valuable for cut flowers. We were fortunate in growing a good stock of it ourselves last season. Price, each 30c.



# Some Good Fruits.

See illustration on back cover of this catalogue.

We supply Fruit Trees and  
Small Fruit Plants of all kinds.

If you do not find in our list varieties you desire, write us for price. Always give size desired when asking quotations on fruit trees.

## ... ICEBERG ...

The New WHITE Blackberry.

The Paradox of the Fruit world. A scientifically bred, pedigreed Berry raised by Luther Burbank.

*The Wizard of Horticulture, whose originations have won world-wide fame and value. . . . .*



BELOW we give a portion of Mr. Burbank's own description. In his descriptions of his originations he leans rather towards under-rating than exaggerating. He is at all times very conservative in all he says about his creations.

"One of the great grandparents of "Iceberg" was Lawton. The first generation of seedlings, when crossed with Crystal White, was all black; the second also, though varying much in other respects; but the third produced this wonderful plant, bearing the snowiest white berries ever seen.

"These delicious, snowy berries are not only white, but are so transparent that the seeds, which are unusually small, may be seen in the berries when ripe.

"Clusters, larger than those of Lawton; berries, as near as could be judged, were at least as large, earlier, sweeter, and more tender and melting throughout, though as firm as Lawton is when ripe."

We offer genuine stock, direct from headquarters. Each, 25c; doz., \$1.50; 100, \$10.00. Add 3c each if to go by mail

## RATHBUN BLACKBERRY.

A giant among its kind.

This decidedly distinct variety bids fair to become quite popular. It makes but very few suckers, propagates mostly from the tips. The fruit is large, some specimens measuring 1½ inches in length, of a glossy black color, seeds very small, is good for all purposes and commands the highest price in the markets wherever it is offered. Each, 15c; doz., \$1.00; per 100, \$6.00.

## CUMBERLAND BLACK CAP... RASPBERRY.

IT is offered with the full assurance that it is the most profitable and desirable market variety yet known, because of its immense size, firmness and great productiveness, well entitling it to the cute designation of "The Business Black Cap." In spite of its extremely large size, the Cumberland is possessed of unusual firmness, and is thus well adapted for standing long shipments. It may be called a mid-season variety. It is an unusually strong and vigorous grower, throwing up stout, stocky canes, well adapted for supporting their loads of large fruit. Each, 25c.; doz., \$1.50.

## LOUDON RASPBERRY.

THE leader among Red Raspberries. Large fruit, dark crimson, of splendid quality and a great yielder. Each, 15c; doz., \$1.50. By mail if desired.

Mr. E. S. Carman, editor of the *Rural New Yorker*, says: "It is the best late Red Raspberry in existence." The hundreds who have seen it fruiting all unite in sounding its praise. We believe we are doing just right to advise all to plant Loudon.

## THE LOGAN BERRY.

A hybrid of the Raspberry and Blackberry.

THE fruit is bright red, in form like large Blackberries, combining the flavor of both Raspberry and Blackberry; pleasant and vinous, not only excellent for dessert, but good for canning, jellies, etc. Seeds few and small, strong grower, no thorns, but the canes have soft spines like the Raspberry, with similar foliage; endured the extreme cold of the winter of 1894-5 in Northern Ohio without injury. Each, 25c; doz., \$2.00. By mail if desired.

## Strawberry Raspberry.

ANOTHER new fruit from Japan. The plants are low, spreading, with dark green foliage; fruit ripens early, the size and shape of a strawberry, color crimson, delicate flavor. Each, 15c; doz., \$1.50; per 100, \$10.00. By mail if desired.



LOUDON RASPBERRY.



# A LARGE-EARED EARLY CORN.

WE HAVE NAMED IT:

*...Barnard's Early Yellow Dent...*

We repeat the words "A LARGE-EARED EARLY CORN," and they seem almost a sufficient description in themselves, to gain the attention and favor of hundreds of farmers, situated in latitudes where later, valuable varieties will not ripen; or with those who for any reason may wish to make a late planting and yet feel sure of a crop. These words do not, however, express all the merits of this truly remarkable new variety. It possesses the money making quality **PRODUCTIVENESS**. Its habit of setting two to three ears to the stalk and of maturing them, result in an agreeable surprise to those who have cultivated the less thoroughly bred earlier corn. The characteristic of **GREAT YIELD** is made apparent upon shelling; the grains are very deep and set compactly upon the cob, which is extremely small in diameter, but of good length—eight to ten inches.

The ears are smooth and handsome, the kernels have none of the rough sharp points, so objectionable in many of the early corns. This is a feature which will be greatly appreciated by the huskers. The plant is vigorous, well supplied with foliage, roots deeply, enabling it to withstand adverse conditions of soil and weather.

This is not a chance variety but the result of scientific selection and hybridizing with a definite object in view, which has been attained in this large-eared early variety. Its record is ninety days of good corn weather from date of planting to maturity and entirely out of the frost danger.

If you are seeking an

**EARLY, PRODUCTIVE,  
HANDSOME,  
HARDY, PROFITABLE,  
SMOOTH KERNELED,  
YELLOW CORN,**

you have it in

**BARNARD'S  
EARLY  
YELLOW  
DENT....**

Pkt., 10c.; qt., 35c.  
postpaid; pk., 50c.;  
bu., \$1.50; 5 bu. for  
\$6.75; bags in-  
cluded.



**NEW  
POTATO**

**"Uncle  
Sam"**

*.....A Main Crop Variety.....*

**W**ONDERFULLY PRODUCTIVE yields phenomenal crops of well-formed potatoes of uniform, handsome size. In form the tubers are oval, covered with pure white, russet skin, containing but few eyes set near the surface.

Its great point of excellence is its

## COOKING QUALITIES.

In this regard it is not excelled by any other sort; it stands at the head of the many excellent varieties.

This Potato is of very recent introduction, but had made a wonderful record for itself in the various localities where it has been grown. It thrives best in a moderately rich, sandy loam, grown under anything like favorable conditions it will surprise you.

**Pk., 50c.; bu., \$1.50; bbl. \$3.50.**

*No charge for sacks or barrels nor delivery to depot.*



# General List of Vegetable Seeds.

IT HAS ever been our endeavor as Seedsmen to make HIGHEST QUALITY the first consideration and then to fix our prices as low as GOOD, RELIABLE SEEDS can be sold. It is the poorest economy for the planter to invest in seeds whose chief recommendation is that they are cheap.

OUR PRICES INCLUDE POSTAGE on packets, ounces, quarter pounds, pounds, pints and quarts, Except Where Noted. If the purchaser will pay the freight or express charges, ten cents per pound, fifteen cents per quart and ten cents per pint may be deducted from the prepaid prices herein offered.

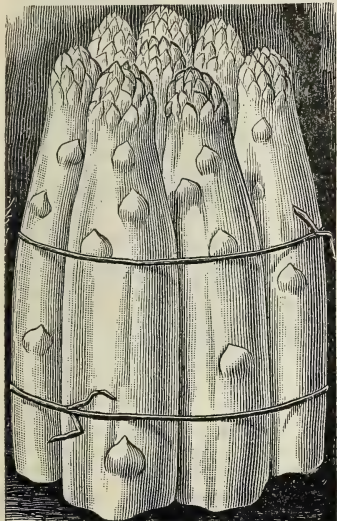
## PACKET and OZ. SEED DISCOUNTS.

Purchasers may make selections of seeds in *Packets and Ounces* at these discounts:

For 25 cents select Seeds in pkcts. and oz. amounting to .30.  
For 50 cents select Seeds in pkcts. and oz. amounting to .65.  
For \$1.00 select Seeds in packets and oz. amounting to \$1.30.  
For 2.00 select Seeds in packets and oz. amounting to 2.70.  
For 3.00 select Seeds in packets and oz. amounting to 4.00.

## ON SEEDS IN BULK

From Catalogue Prices by the  $\frac{1}{4}$  pound, pound, peck or bushel, when cash is sent with order, purchaser may deduct 5 per cent. on an order from \$3.00 to \$5.00, and 10 per cent on an order from \$5.00 to \$10.00. This discount refers to SEEDS quoted in catalogue by weight or measure (except those in the division of Farm Seeds on pages 49 to 56) and not to Potatoes or Bulbs, nor to seeds in packets and ounces.



COLUMBIAN MAMMOTH WHITE.

CONOVER'S COLOSSAL. A well known green variety of excellent quality and quick growth Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 40c.

PALMETTO. Early, large, excellent quality. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

## BUSH BEANS.

BONNEN, Ger. HARICOT, Fr.

One quart to 100 feet of drill or to 200 hills.

THE best soil for Beans is a light, rich, well-drained loam which was manured for the previous crop. As soon as all danger from frost is passed, plant in drills, two to three feet apart, two inches deep, three to six inches apart in the row. In hills plant two feet apart one way and three feet the other. From one pint to two quarts of seed are required for a family.

### GREEN-PODDED VARIETIES.

#### Stringless Green Pod.

The Earliest and Best of the Green-Pod Sorts.

The claim is made for this variety that it is the only *absolutely stringless* Bush Bean, consequently surpassing all others in crisp, tender flavor. The illustration shows the width and thickness of the long, beautiful, straight pods. This variety is ready to market even *earlier* than the Long Yellow Six Weeks. It fully bears out every claim made for it. Pkt., 5c; pint, 20c; quart, 40c; pk., \$1.25; bu., \$4.75.

#### IMPROVED RED VALENTINE.

Fully ten days earlier than the common Valentine and therefore prized by market gardeners as well as for its great productiveness. Beans medium size, marbled in pink and red; pods long, curved, fleshy and tender. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.25; bu., \$4.75.

ARTISCHOKE, Ger.

## ARTICHOKE.

ARTICHAUT, Fr.

GREEN GLOBE. Sown and grown in good garden soil this variety will last for years. Its flower heads cooked like Asparagus are relished by many. Pkt., 5c; oz., 30c.

JERUSALEM ARTICHOKE. Produced from Tubers. Cultivated like Potatoes. They are sometimes used as a table vegetable, but their chief value is as stock food. Swine are particularly fond of them and all animals eat them with relish. One barrel will plant an acre. Lb., 25c., prepaid. Pk., 35c;  $\frac{1}{2}$  bu., 65c; bu., \$1.25, not prepaid.

## Asparagus.

SPARGEL, Ger.

ASPERGE, Fr.

One ounce will sow sixty feet of row.

IN early spring sow the seed, after soaking it 24 hours in warm water, in drills one foot apart, and one inch deep. During summer keep the soil mellow and free from weeds, thinning the plants to four inches apart. The following spring transplant into permanent beds, that have been deeply dug and highly manured.

COLUMBIAN MAMMOTH WHITE. It produces very strong shoots which are pure white, and so remain. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

## Asparagus Roots.

ONE to two years' time may be gained by setting out roots. This can be done in spring or fall. The ground should be well manured and trenched deeply. The roots should be planted two feet apart, one foot apart in the row, and at least 6 inches deep.

If to go by mail add 25c per 100 to price of one year old roots and 50c per 100 for two-year old plants. We supply 25 of a kind at the 100 rate, 250 at the 1000 rate.

COLUMBIAN MAMMOTH WHITE. Two-year old roots. 100 \$1.00; 1000, \$6.50.

CONOVER'S COLOSSAL. One-year old roots, 100, 50c; 1000, \$4.50. Two-year old roots, 100, 75c; 1000 \$5.00.

PALMETTO. Two-year old roots, 100, 75c; 1000, \$5.00.





# BUSH BEANS—Continued.

## GREEN PODDED VARIETIES.

**LONG YELLOW SIX WEEKS.** Hardy, early and productive. A standard sort for general crop. Pkt., 5c; pt., 20c; qt., 35c; pk., 1.00; bu., \$4.00.

**EARLY MOHAWK.** Long, flat straight pods. Much grown in the South to ship to Northern markets. Pkt., 5c; pt., 20c; qt., 35c; pk., \$1.00; bu., \$4.00.

### Improved Extra Early Refugee.

It has all the excellent qualities of the ordinary Refugee with the additional advantage of being fully two weeks earlier in podding. Pkt., 5c; pt., 20c; qt., 35c; pk., \$1.10; bu., \$4.00.

**REFUGEE or 1,000-to-1.** Pods round, thick and tender. Beans, brown speckled. Season, medium to late. Extensively grown for pickling. Pkt., 5c; pt., 20c; qt., 35c; pk., \$1.10; bu., \$4.00

**EARLY CHINA RED EYE.** An old standby. Very early and of excellent quality. Pkt., 5c; pt., 20c; qt., 35c; pk., 90c; bu., \$3.50.

## VARIETIES FOR SHELLING.

**BOSTON SMALL PEA.** Early, hardy, and prolific, yields from forty to sixty fold with ordinary field culture. Pkt., 5c; pt., 20c; qt., 30c; pk., 90c; bu., \$3.25.

**WHITE NAVY.** Valuable chiefly as a field bean and considered by many the best baking variety. Pkt., 5c; pt., 20c; qt., 30c; pk., 90c; bu., \$3.25.

**ROYAL DWARF, OR WHITE KIDNEY.** Excellent cooked with sweet corn, making "succotash." Among the best as a winter bean. Pkt., 5c; pt., 20c; qt., 35c; pk., \$1.00; bu., \$3.75.

**DWARF HORTICULTURAL.** Late; productive and much esteemed for good quality of the beans. Pkt., 5c; pt., 20c; qt., 35c; pk., \$1.25; bu., \$4.75.

**LARGE WHITE NARROW.** Pkt., 5c; pt., 20c; qt., 35c; pk., 90c; bu., \$3.25.



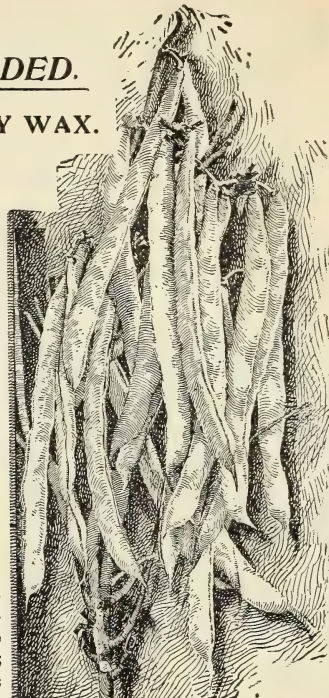
CHALLENGE  
DWARF BLACK  
WAX BEAN.

## WAX PODDED.

### DAVIS KIDNEY WAX.

**The BEST Bean**  
For Market Gardeners  
and Cannery.

THE large beans are pure white, kidney shape, excellent for cooking green or dry. The pods while young are stringless, tender and of excellent flavor, very long, straight and uniform size and shape, of a clear waxy white, do not discolor in canning, making them most desirable for the canner. The Davis Wax will delight the market gardener as they are unusually productive, keep well and present the finest appearance in the market. Pkt., 5c; pt., 25c; qt., 45c; pk., \$1.30; bu., \$4.75.



DAVIS WAX BEAN.

### ...ROGERS' LIMA WAX...

*A first-class Wax Bean and a decided novelty.*

Named Lima on account of its glossy foliage and bloom, which resembles the Dwarf Lima. Pods lemon yellow, broad and flat, borne in great profusion. Quality, tender and juicy. Seed oval, small, pure white. Sure to become a favorite main crop variety. Pkt., 10c; pt., 25c; qt., 45c; pk., \$1.25.

**IMPROVED GOLDEN WAX.** In repeated comparative trials this improved strain has greatly outyielded other varieties. Pods are thicker than those of Golden Wax, stringless and of much better quality. *Absolutely rust proof.* Pkt., 5c; pt., 20c; qt., 35c; pk., \$1.15; bu., \$4.25.

### Wardwell's Kidney Wax.

Pods long, nearly straight, white, wax-like and handsome, of good quality. Beans, large, kidney-shaped, white with dark markings about the eye. *A most profitable variety for the market gardener.* Packet, 5c; pt., 20c; qt., 40c; pk., \$1.30; bu., \$5.00

### Challenge Dwarf Black Wax.

#### The Earliest Wax Bean in Cultivation:

Fully **one week earlier** than any other. Continued trials strengthen all the claims made for this grand bean. Its vigor and productiveness leave nothing to be desired. Pods clear waxy white, round, fleshy, crisp and tender. The dry bean is jet black, long, curved and rather flat. Packet, 5c; pt., 20c; qt., 40c; pk., \$1.15; bu., \$4.25.

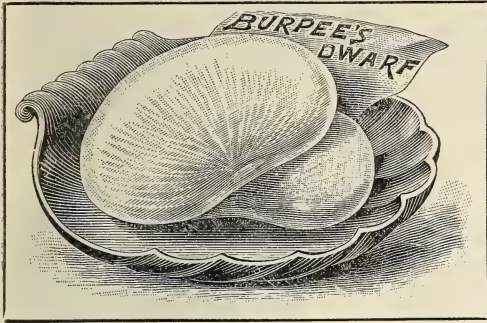
**REFUGEE WAX.** It produces immense pods of a golden yellow color and always remains tender. Suitable for early or late sowing, and for a wet or a dry season. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.15; bu., \$4.25.



# BUSH BEANS, WAX PODDED VARIETIES—Continued.

**BLACK WAX.** Early. Pods short, round, nearly white, beans black when ripe. Valuable as snap bean. Amply rewards the gardener for good care and cultivation—whether for the market or the home table. Packet, 5c; pt., 20c; qt., 40c; pk., \$1.10; bu., \$4.00.

**DETROIT WAX.** So hardy as to be called rust-proof, and its straight, handsome pods will keep a long time without spoiling, making it a fine sort for shipping long distances. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.10; bu., \$4.00.



## RUST PROOF BLACK WAX.

This is an early, productive, good bean, having long, flat, yellow pods of fine quality. The dry beans are blue black. Foliage vigorous, healthy and rust proof. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.15; bu., \$4.25.

**IMPROVED PROLIFIC BLACK WAX.** Much earlier and more prolific than the old strain. Pods golden, even, stringless and of fine quality. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.15; bu., \$4.25.

## Bush Lima Beans.

**BURPEE'S DWARF.** Plants make perfect bushes from eighteen inches to two feet high. They are *sure croppers* and *immense yielders*. Pods as large as those of the Pole Lima, and contain three to five beans of the best quality. Pkt., 5c; pt., 25c; qt., 45c; pk., \$1.60.

**HENDERSON'S BUSH LIMA.** Valuable on account of extreme earliness. Extremely productive, tender and delicious. The dry beans are small and white. Pkt., 5c; pt., 25c; qt., 45c; pk., \$1.40; bu., \$5.25.

**DREER'S DWARF LIMA.** Thick pods and large thick beans, three or four in a pod. Ripens fully ten days earlier than the Pole Lima of same name. Pkt., 5c; pt., 25c; qt., 45c; pk., \$1.40; bu., \$5.25.

## Running or Pole Beans.

Pole beans are more tender and require more care in cultivation than the dwarf or bush varieties, and should be *sown* two weeks later; they succeed best in sandy loam, which should be liberally enriched with manure. Form hills from three to four feet apart; plant five or six beans in a hill, about two inches deep, leaving space in the center for the pole. When the beans are well started, they should be thinned to two or three plants in a hill. *One quart makes 100 to 200 hills, according to size of beans. Eight to twelve quarts plant an acre.*

*Lima beans will not grow until the weather and ground are warm; if planted before they are apt to rot in the ground.*

### SIEBERT'S EARLY LIMA.

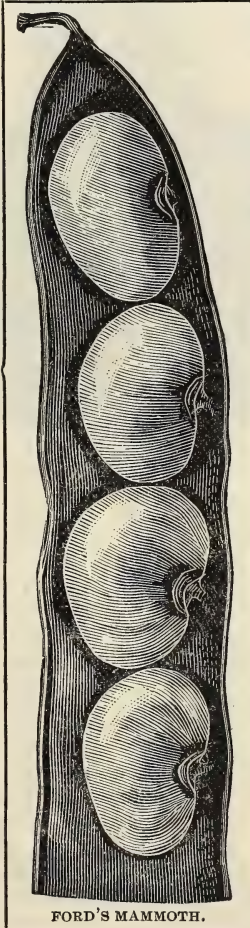
The Earliest of the Large Limas.

When in condition to use green, the beans are larger than those of any other variety. The vines are exceptionally hardy, and not only produce pods earlier, but they continue in bearing longer than any other sort. In earliness, ease of shelling, and quality of the beans, this variety is far in advance of all other sorts. Pkt., 10c; pt., 20c; qt., 50c; pk., \$1.50; bu., \$6.00.

**KING OF THE GARDEN LIMA.** In general habit of growth this is similar to the large white Lima but matures the fruit much earlier. It possesses the characteristic of setting beans early at the bottom of pole and producing continuously to the end of the season. In productiveness they excel the common Lima. Pods are 6 to 8 inches in length and contain five to seven beans of unusual size, which lack nothing in quality. Pkt., 10c; pt., 25c; qt., 50c; pk., \$1.50; bu., \$5.75.

**FORD'S MAMMOTH.** The largest of all Limas. The vines are vigorous, setting the pods low down. These pods enclose from five to seven beans, without exception the finest flavored of all Limas. Bears continuously throughout the season until frost. Pkt., 10c; pt., 25c; qt., 50c; pk., \$1.60; bu., \$6.25.

**CUT SHORT, or CORN HILL.** An old variety that is in favor for planting among corn. It will yield a good crop without the use of poles. Beans nearly oblong, cut off at the ends, white and partially dotted with white spots. Pkt., 10c; pt., 25c; qt., 40c; pk., \$1.25; bu., \$4.75.



FORD'S MAMMOTH.

**EXTRA EARLY LIMA.** The pods are large and numerous, invariably having from four to five beans in each pod. These beans appear in eastern markets nearly two weeks ahead of ordinary limas, selling at from \$3.00 to \$4.00 per bushel of pods, and previous to the introduction of Siebert's Early were considered the earliest. Pkt., 10c; pt., 25c; qt., 50c; postpaid; pk., \$1.50; bu., \$5.75.

**LARGE WHITE LIMA.** A late standard variety which has long been considered the most tender and delicious bean grown, either green or ripe. Ours is an extra selected stock. Pkt., 10c; pt., 25c; qt., 50c; pk., \$1.50; bu., \$4.75.

**DUTCH CASE KNIFE.** This is also used as a cornhill bean. Pods very long and flat; beans flat, kidney-shaped, white, of excellent quality green or dry. Pkt., 10c; pt., 25c; qt., 45c; pk., \$1.40; bu., \$5.25.

**LAZY WIFE'S.** A late bean that is *unsurpassed for use in any season*. Pods long, broad and thick, easy to gather. *Stringless, rich and buttery* when cooked. Pkt., 10c; pt., 25c; qt., 45c; pk., \$1.75.

**KENTUCKY WONDER.** *Best green podded Pole Bean.* Pods green, nine inches or more long, nearly round, fleshy, stringless and of excellent flavor. Dry beans, long, oval, dun-colored. It is an early and most prolific variety. Pkt., 10c; pt., 25c; qt., 45c; pk., \$1.75.

**SCARLET RUNNER.** This variety is cultivated chiefly for its bright scarlet flowers. Its vines and leaves are very strong, making an excellent climber. Beans of fair quality, either cooked or dry. They are of a purplish color variegated with black; large thick and kidney shaped. Pkt., 10c; pt., 25c; qt., 45c.

*The prices quoted by the packet, pint and quart are for the best Seed Beans, Postage Paid, by Mail. Remember that, by express or freight, you can DEDUCT 8c. per pint or 15c. per quart.*



# BEET. FOR THE TABLE.

RUNKELRUEBEN, Ger. BETTERAVE, Fr.  
1 oz. to 100 feet of drill, 5 to 6 lbs. to acre in drills.

**CULTURE.**—Sow as early in the spring as ground can be worked and for succession every two weeks after up to the first of July, in drills twelve to fourteen inches apart, and when well up thin to from four to six inches. The young plants removed in thinning, are excellent cooked in same manner as Spinach. Take up the roots in October and store in cellar like Potatoes.

**DIRIGO.** A new, extra early turnip beet which we consider the best yet introduced on account of its handsome shape and attractive color. It is one of the best for either summer or winter use. It is a beautiful dark red color, of fine grain and flavor. Tops and tap roots quite small. A most desirable variety for market gardeners by whom it is used largely for bunching. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

## ✓ • Barnard's Selected Edmand's Blood Beet. •

A **SPLENDID** American variety which by constant, careful selection has become fixed and uniform in shape. It is round and smooth, does not grow very large, therefore requires but little thinning. It has a small top and a single tap root. An excellent sort for bunching. The flesh is deep red in color, exceedingly sweet and tender. It matures early. It is a standard winter variety. Packet, 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

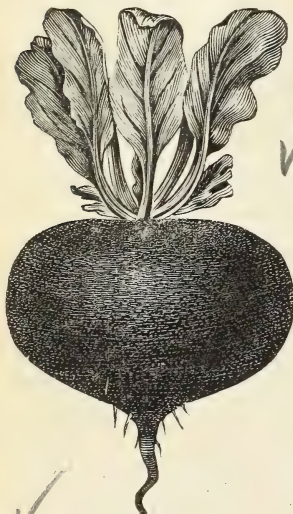
**EGYPTIAN BLOOD TURNIP.** A standard early variety. Globe shaped, somewhat flattened on top. Skin deep red, also the flesh, which is of fair quality. Tops very compact. Many beets can be grown in a limited space. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 45c.

## • • Crosby's Egyptian Beet. • •

This strain is much in demand by market gardeners for forcing and early out-door sowing as it reaches a saleable size in a short time. It is turnip shaped, of good form, small necked, with short tops and a deep blood color. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

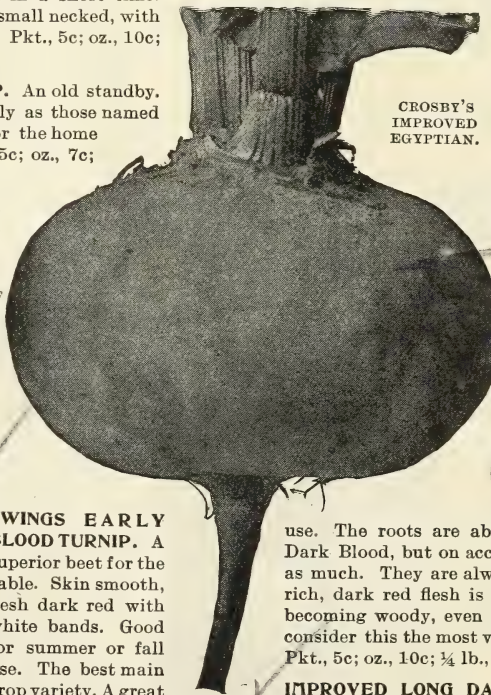
**IMPROVED EARLY BLOOD TURNIP.** An old standby. This beet does not mature so early as those named above. It is an excellent one for the home garden and summer use. Pkt., 5c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 45c.

**EARLY FLAT BASSANO.** Tops large, leaves light green, the leading sort to sow for greens. Roots quite flat, grows to a large size; flesh pink with white zones, sweet and tender when young. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

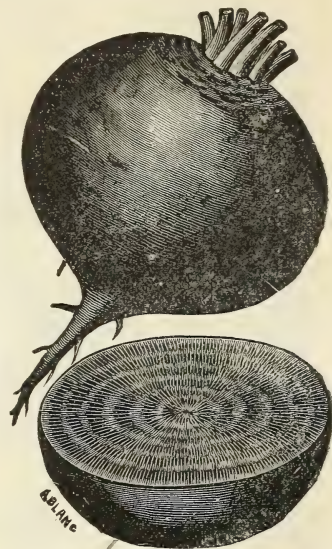


✓ EDMUND'S IMPROVED.

**DEWINGS EARLY BLOOD TURNIP.** A superior beet for the table. Skin smooth, flesh dark red with white bands. Good for summer or fall use. The best main crop variety. A great favorite with market men. Our stock is unexcelled by any in the country. Pkt., 5c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 45c.  
Special prices will be made to buyers of Beet seed in quantity.



CROSBY'S  
IMPROVED  
EGYPTIAN.



ECLIPSE BEET.

## Eclipse Beet.

**T**HIS is not only an extra early beet but if sown late it is valuable for winter use. Its extreme earliness, neat globe shape with small top and crimson color make this a most popular sort with market gardeners for bunching. Packet, 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**COLUMBIA.** It was introduced within a few years and is one of the very best for table qualities. It is turnip-shaped, has smooth skin and deep blood-red flesh. Fully as early as Eclipse but superior in many ways, never becoming coarse or pithy. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

## ✓ HALF LONG BLOOD.

This is an entirely distinct variety and by far the best for winter use. The roots are about one-half as long as the Long Dark Blood, but on account of their thickness weigh quite as much. They are always smooth and handsome, and the rich, dark red flesh is very sweet, crisp and tender, never becoming woody, even in portions above the ground. We consider this the most valuable sort of recent introduction. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**IMPROVED LONG DARK BLOOD BEET.** Tops large, necks small, leaf stems and vines red, leaf green, roots large, tapering, growing even with the surface, dark red, flesh dark red, zoned with lighter shade, very tender and sweet and remaining so when kept till spring. Packet, 3c; oz., 7c;  $\frac{1}{4}$  lb., 20c; lb., 50c.

✓ Please remember that our prices are for seeds post-paid by mail. If ordered by freight or express, at purchaser's expense, eight cents per pound should be deducted.

## SWISS CHARD, or Sea Kale Beet.

We recommend all our customers to try this distinct vegetable, which is superior to the common beet for greens; if sown at the same time it will be fit for use before it. Later, the plants form broad, flat, beautiful wax-like stems to the leaves, which are very delicious cooked as beets or pickled. Packet, 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 45c.



## Mangel Wurtzel and Sugar Beets.

**T**HE value of Mangels for stock feeding cannot be over-estimated. The results from their use are clearly seen in the improved health and condition of animals, the increased flow and quality of milk from cows, and the saving in fodder. Mangels yield enormously if the soil is rich, and can be grown at trifling cost. *Everyone who keeps even one cow should grow a patch of Mangels for winter feed.*

Sugar Beets are not as heavy yielders as Mangels, but they are of better quality, abounding in saccharine matter. For sugar producing purposes these beets are grown in Europe by thousands of acres, and in some localities in our own country immense establishments are in successful operation, extracting sugar from beet roots.

**CULTURE:** Both Mangels and Sugar Beets require deep, well enriched soil. Sow in May or June in rows eighteen inches to two feet apart, and three to eight inches in the rows. Young plants may be transplanted to fill up vacancies. As soon as frost occurs, dig the crop, 4 to 5 lbs. are required for an acre.

### Mammoth Long Red Mangel.

**T**HIS Mangel grows to an immense size (often eighteen inches long) much out of the ground and is enormously productive on rich soil. It is an excellent keeper, very nutritious and milk producing. Oz., 5c.;  $\frac{1}{4}$  lb., 10c.; lb., 30c.; 5 lbs., not prepaid, \$1.00.

**MONARCH.** A new variety of mammoth proportions and rich, blood-red color. The roots are remarkably smooth and handsome, and of superior nutritive qualities. Moreover, it is enormously productive. This will prove itself a secure investment for our farming and gardening friends. Oz., 5c.;  $\frac{1}{4}$  lb., 15c.; lb., 35c., postpaid; 5 lbs., \$1.25, not prepaid.

**NORBITANT GIANT.** Not surpassed for cattle feeding. Flesh red, very solid. Roots very large, always keeping well. A variety that pleases all. Oz., 5c.;  $\frac{1}{4}$  lb., 10c.; lb., 30c.

**GOLDEN TANKARD.** Contains less water and more sugar than any other. A special feature is the rich, deep yellow color of the flesh, nutritious and milk-producing qualities. It is very hardy and productive. Grows two-thirds above ground and can be dug very easily. Oz., 5c.;  $\frac{1}{4}$  lb., 10c.; lb., 30c.

### PRIZE CHAMPION GLOBE.

A large, globular, orange-colored variety of the Mangel that is even a better keeper than the Long Red. It produces fine crops upon shallow soil. Oz., 5c.;  $\frac{1}{4}$  lb., 10c.; lb., 30c.

### SUGAR BEETS.

**KLEIN WANZLEBEN.** In sugar beet growing sections this variety is esteemed for its certainty to mature a crop which is rich in sugar. It has a conical-shaped root, large

SUGAR BEETS.

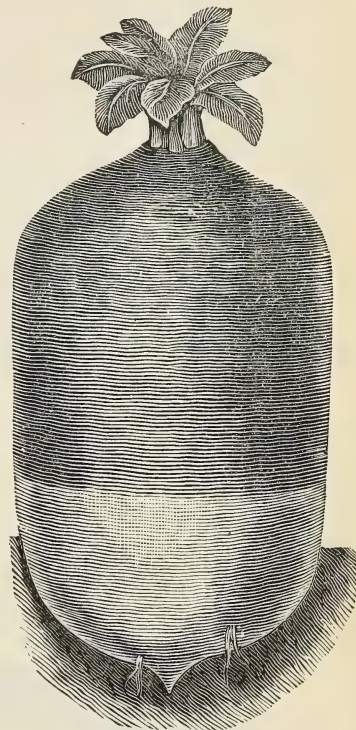
and tapering; yields from twelve to eighteen tons of beets to the acre. Oz., 5c.;  $\frac{1}{4}$  lb., 15c.; lb., 40c.

**LANE'S IMPROVED SUGAR BEET.** The best one to grow for stock feeding. The flesh is sweet and tender, and it is by some people liked for table use. Oz., 5c.;  $\frac{1}{4}$  lb., 10c.; lb., 30c.

**BORECOLE or KALE.** Seeds may be sown in a moderately rich soil, in an exposed situation, in April or May. In transplanting treat the plants like young cabbages. The central leaves are used as spinach, and are much improved by frost.

**DWARF GERMAN, Greens or Sprouts.** More hardy than cabbage. The leaves are curly, bright green and very tender. Excellent for garnishing and makes splendid greens for winter use. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 75c.

**GREEN CURLED SCOTCH.** About two feet high, and bears green curled leaves. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 75c.



GOLDEN TANKARD.

### BROCCOLI.

**SPARGELKOHLE, Gr. BROCOLI, Sp. CHOU BROCOLI, Fr.** 1 oz. to 2,000 plants.

Taller and more hardy than Cauliflower, but otherwise very similar to that delicious vegetable. Culture and use are identical with that of Cauliflower.

**EARLY PURPLE CAPE.** The best variety for our climate. Heads close and compact, of a violet or purple color, and of excellent quality. Pkt., 5c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.00.

**WHITE CAPE.** Similar to above except in color which is a creamy tint. Pkt., 5c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.00.

**Brussels Sprouts.** The plants grow two to three feet high, and produce miniature heads from the sides of the stalk. These heads, after they have been touched by frost, become very tender, boiled in the same way as Cauliflower. This vegetable is easily cultivated, comes into use after frost, and is not appreciated generally at its true worth. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.35.



BRUSSELS SPROUTS.



# CABBAGE.

KOPFKOHL, Ger. CHOU POMME, Fr.  
1 oz. will produce 1,500 plants; ½ lb. to  
transplant for an acre.

**OUR CABBAGE SEED**, grown under the care of practical, painstaking and reliable men; in localities where experience and thorough tests have proved the climate and soil to be the best adapted to their production in highest perfection; from fully developed, perfect heads, carefully cured and stored until time of planting; thoroughly tested as to vitality. Our seed can but give satisfaction, and we unhesitatingly recommend it for use of market or private gardener.

**CULTURE:** For early summer use sow in hot-bed in February or March; before transplanting to the open ground they should be hardened off by exposing them gradually to the night air. For winter use sow in open ground in May or June—taking care in either case not to let the plants stand too closely, as this makes them "spindling." When five or six inches high, transplant in rows two feet apart one way, and 12 to 18 inches the other, according to variety, burying to the first leaf whatever the stem length. Hoe every week, drawing the earth up about the plants until they begin to head, then give thorough and final cultivation and leave to mature.

**CABBAGE PLANTS.** Ready about April 1st. For prices on these and other Vegetable Plants see end of Vegetable Seed List.

## Extra Early Express.

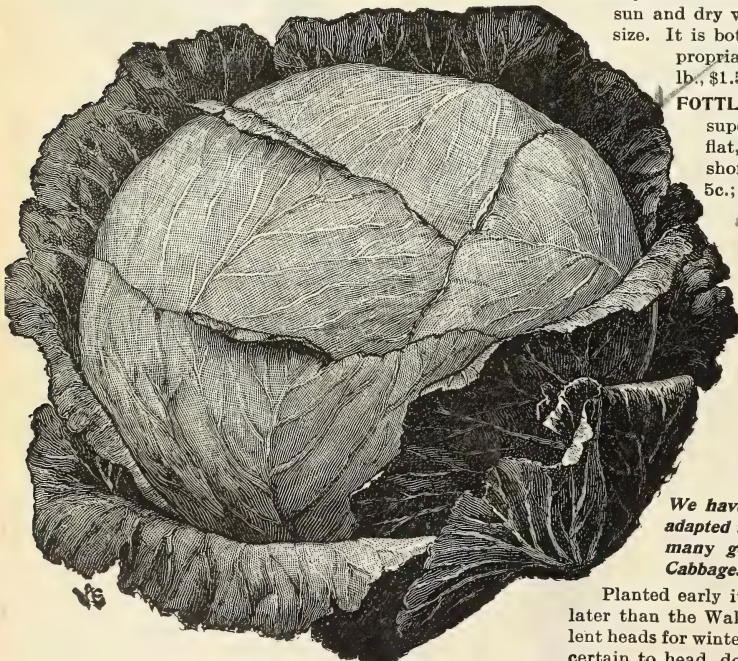
**HEADS** the list as the earliest Cabbage in cultivation, maturing in from 80 to 85 days from sowing the seed. It has but few outer leaves, almost every plant forms a small, conical head of a yellowish green color. In quality it is the best. Desirable for early market or home use. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

## EARLY JERSEY WAKEFIELD. SELECT STOCK..

Long recognized as the best earliest marketable Cabbage. Medium in size, in shape pyramidal with a pointed peak. Hardy plants can be wintered in cold frames. Is a reliable, certain header and one of the most profitable cabbages for the market gardener. Our strain of seed is of superior quality. Pkt., 5c; oz., 20c; ¼ lb., 55c; lb., \$2.00.

**EARLY DWARF FLAT DUTCH.** Second early. Rounded, solid heads of medium size, tender and fine grained. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

For the Cabbage worm, try "Slug Shot." See "Insecticides" in back part of this catalogue.



CHICAGO MARKET CABBAGE.



ALL HEAD EARLY.

## All Head Early.

The most profitable Early Cabbage for market gardeners. The best all-the-year round Cabbage for the home garden.

Heads flat, deep, and solid; firm and tender; valuable also for late; seeds sown in July and set out in August will make fine heads. Largely planted by market gardeners. Nearly 10,000 can be grown on an acre, and nearly every one will produce a head. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

**EARLY YORK.** An old favorite in the family garden. Heads small, heart shaped and firm. Almost certain to head and is a good shipping sort. We carry it to meet occasional calls. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

**EARLY WINNINGSTADT.** Well known and much esteemed. Heads large, conical; leaves bright, glossy green. Valuable not only for early use but for winter cabbage. Because of vigorous growth thrives even under unfavorable conditions. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

## All Seasons.

Much grown by market gardeners and is also an excellent variety for home use. Remarkable for its ability to stand hot sun and dry weather. Makes solid, hard heads of large size. It is both an early and late variety, and is most appropriately named. Pkt., 5c; oz., 15c; ½ lb., 40c; lb., \$1.50.

**FOTTLER'S BRUNSWICK, Short Stem.** We have a superior strain of this seed which brings large flat, solid heads of excellent quality. Stem very short. A sure header and good shipper. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

**EARLY SUMMER.** Comes in about ten days later than Wakefield, having much larger heads. They are of uniform size, somewhat flattened. Unexcelled for market garden and good for home use. Packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

## Chicago Market Garden.

THIS valuable cabbage continues to give the utmost satisfaction not only to Chicago gardeners but in every locality in which it has been introduced.

We have yet to find a variety more thoroughly adapted to general culture and which combines so many good qualities as our "Chicago Market" Cabbage. It will surely please you.

Planted early it develops fine, large solid heads one week later than the Wakefield, while if set out later it makes excellent heads for winter use. It stands the hot sun well, is almost certain to head, does not crack and is an excellent keeper. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.50.



# CABBAGE. MAIN CROP AND LATE SORTS.

## ✓ Danish Ballhead.

The best Cabbage for Early Spring Sales.

THIS entirely distinct variety comes from Denmark. It has been cultivated in America for five or six years and has proved a very desirable winter cabbage both on account of its uniformity in heading and from its *extremely hard, solid head*, which gives it *superior keeping* qualities. The heads are nearly round, almost as deep as they are wide. Color, blue green. The hard heads keep excellently when buried and present an attractive appearance when offered in the spring market. It has been thoroughly tested and may be relied upon to meet every claim made for it. Packet, 5c.; oz., 25c.; ¼ lb., 80c.; lb., \$3.00.

✓ **VANDERGAW.** Sent out by an expert eastern cabbage seed grower a few years ago. Its heads about the same time as Early Summer but is much larger and very solid. It is *undoubtedly one of the best for general cultivation*. A remarkably good keeper. Packet, 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

✓ **LUXEMBURG.** This makes a *very hard head of good size*, extraordinary weight, and is remarkable for its keeping qualities. It is a grand sort for late spring sales, for after many kinds are gone it retains its bright green color. One of the most profitable to grow, gardeners invariably realize high prices for this variety. Pkt., 5c.; oz., 20c.; ¼ lb., 70c.; lb., \$2.50.

## ✓ Selected Late Flat Dutch.

WE know this to be as fine a strain as ever offered. It grows very large, is remarkably hardy, a sure header, uniform in shape, size and color. Few varieties can approach this for superior quality. Market gardeners grow this very extensively for a late crop. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

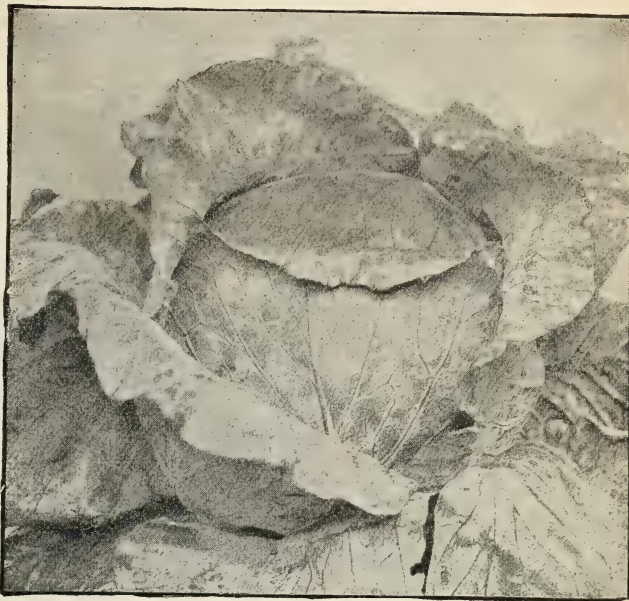
✓ **BRIDGEPORT DRUMHEAD.** A leading Chicago variety for shipping and one of the most popular varieties in our markets. The large, solid heads and its non-liability to burst make it much in demand by market gardeners, some of whom will take no other seed. Packet, 5c.; oz., 20c.; ¼ lb., 65c.; lb., \$2.50.



## ✓ SAVOY CABBAGES.

✓ **AMERICAN DRUMHEAD SAVOY.** The best of its class for home use or market. Heads large, *solid and compact*. Has rich, sweet flavor of the cauliflower when cooked. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

✓ **EARLY DWARF ULM SAVOY.** Heads medium size, round and solid; leaves deep green and finely wrinkled. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.



DANISH BALLHEAD CABBAGE.

## ✓ Surehead. ••

THIS famous Cabbage is most appropriately named, for it can be relied upon with certainty to head even under unfavorable circumstances. The heads are large, very hard, firm, fine in texture, and sweet flavored. It is a late variety, keeps well, is good for shipping and is a favorite sort with market gardeners and for home use. Packet, 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

✓ **PREMIUM LARGE LATE DRUMHEAD.** Head enormous. Very hardy and desirable fall and winter variety; also a good shipper. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

✓ **LUPTON.** This is a new Cabbage which is so highly spoken of we now add it to our list. It is a dark green in color, has a short stem and is *one of the best keepers*, coming out in the spring bright and fresh, a little earlier than Flat Dutch and Drumhead. We have some very choice seed. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.75.

## ✓ Autumn King. ••

THE large, broad heads are uniform in shape, hard and solid as a rock, fine grained and tender—more so than any other very large cabbage. Forming so few outer leaves it goes almost *all to head*. It is a rapid grower and does not require special culture to bring out its excellencies. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.75.

✓ **HOLLAND.** The superior merit of this variety is the hard heading and long keeping quality. Heads medium size; white. If properly stored they will be found when taken up in spring to be in perfect condition. Pkt., 5c.; oz., 25c.; ¼ lb., 80c.; lb., \$3.00.

## RED LEAVED CABBAGES.

✓ **MAMMOTH RED ROCK.** By far the *best, largest and surest* heading red cabbage. Color, deep, rich red. *Many successful market gardeners choose this for their entire crop of red cabbage, pronouncing it the best of all*. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

✓ **RED DUTCH.** Heads large, round and solid; excellent for salad or pickling. A sure header and a good shipper. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.35.



# CARROT.

MOEHREN, Ger. CAROTTE, Fr.  
1 oz. to 100 ft. of drill, 3 lbs. per acre.

and one foot apart (3 feet apart for field culture) from middle of May until first of July, thinning four to eight inches, according to varieties. Keep your plants well cultivated. Under favorable conditions 600 bushels per acre is a fair crop.

The Carrot being enormously productive and of superior nutritive quality, is a desirable and profitable crop to grow for stock feed. We recommend to our farmer friends, Danvers Half Long, Long Orange and the White Belgian varieties as especially adapted for this purpose.

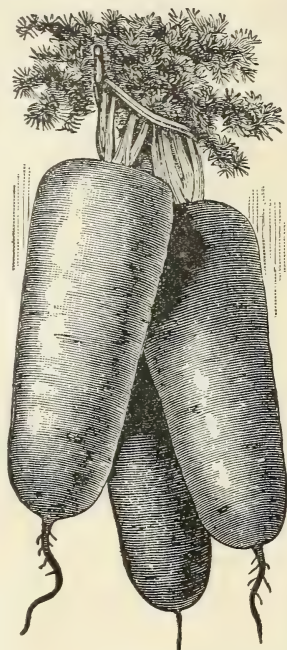
**CHANTENAY.** For market gardeners and table use it is probably the best in shape and finest in quality of all. Flesh tender, deep orange color. This carrot yields enormously, is smooth, has a large shoulder and is easily harvested. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**EARLY SCARLET SHORT HORN.** Quite short, nearly round. Adapted for forcing for market and culture for early home use. Deep orange in color, flavor excellent. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

**OXHEART OR GUERANDE.** In shape nearly oval, stump rooted. Color, rich orange. Quality for table use unexcelled. An enormous yielder. Many farmers use this sort for feeding stock. Packet, 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**DANVERS HALF LONG.** A smooth, well-formed carrot, which grows to a popular size and is suitable for all soils. Flesh, orange color. Very prolific, often yielding 20 to 30 tons per acre. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**SAINT VALLERY.** A new, large variety of an orange-red color. Smooth, broad at the shoulder. 10 to 12 inches long, tapering to a point. Excellent for table use and profitable for field culture. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 55c.



CHANTENAY.

**HALF LONG SCARLET NANTES.** An early stump-rooted variety that is valuable for table use. Flesh red, with very little core. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

**BARNARD'S IMPROVED DANVERS.** *Market Gardener's Special Strain.* Very attractive in appearance, deep orange color, flesh sweet and tender with almost no core. A rapid grower and heavy cropper. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

**IMPROVED LONG ORANGE.** Standard late sort; of good flavor and an excellent keeper. Roots 12 to 15 inches long; requires deep, rich soil on which it yields heavy crops. A good variety for the table and market purposes as well as to grow for stock. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

**WHITE BELGIAN.** Grows largely above ground, making it easy to harvest. The lower part of the root is white, the upper part is green. This carrot is enormously productive, the roots attaining a surprising size. No up-to-date farmer should neglect putting in a plot of Stock Carrots. Pkt., 3c.; oz., 7c.; lb., 40c.

We recommend a treatise

**CARROTS; How to Grow Them.**

It is not only instructive but interesting reading. Sent postpaid for 30 cents.

# CAULIFLOWER.

BLUMEN KOHL, Ger. CHOUFLEUR, Fr.  
1 oz. will produce about 2,000 plants.

setting in open ground, and finally transplanted before the middle of April in rich, deeply-worked soil, 2 feet by 15 inches apart. Late sorts are sown and cultivated like late cabbage. When heading, tie the top leaves together to protect from exposure to the sun.

**CULTURE:**—Cauliflower ought to receive a similar treatment to Cabbage, except that it requires an extra rich soil, an occasional application of liquid manure and frequent watering, especially when heading. Early sorts in this latitude are mostly sown in January or February in hot-beds, transplanted once before



Barnard's Early Snowball.

**THIS** very superior strain is noted for producing early plants of dwarf habit, short, compact growth, and uniform shape. It is extremely hardy and one of the surest to make a solid head. For forcing under glass during winter and early spring and for planting later in open ground no strain of Snowball can surpass it. Pkt., 10c.; ½ oz., \$1.35; oz., \$2.50; ¼ lb., \$8.50.

## Selected Earliest Dwarf Erfurt.

The earliest of the earliest. Very dwarf, small leaved; can be planted twenty inches apart and forced. Makes a fine, firm head, of snowy whiteness, tender and of delightful flavor. This is the highest quality and very best Erfurt seed, much superior to extra early. Pkt., 25c.; ¼ oz., \$1.50; ½ oz., \$2.50; oz., \$5.00.

## EXTRA EARLY ERFURT.

Where extreme earliness is not essential this will be found one of the best. Pkt., 10c.; ½ oz., \$1.15; oz., \$2.00; ¼ lb., \$3.50.

**AUTUMN GIANT.** A late variety, vigorous habit. Large, handsome, white heads, well protected by foliage. Packet, 5c.; ½ oz., 30c.; oz., 50c.; ¼ lb., \$1.75.

## Denmark.

Best for early and general crops.

We again have the pleasure to offer genuine seed direct from headquarters of this superior Cauliflower. It has been tested over a wide stretch of the country and the most flattering reports continue to reach us regarding its worth. It forms large, firm, fine grained heads as white as snow. It may be used either for an early or late crop. Is sure to head and is certain to please. Packet, 10c.; oz., \$2.50; ¼ lb., \$8.00.

## EXTRA EARLY PARIS.

Head of good size, white and compact. Early and desirable. Packet, 5c.; oz., 60c.; ¼ lb., \$2.00.

## LARGE ERFURT.

A selected strain with large, solid white heads. For late planting. Pkt., 5c.; oz., 75c.; ¼ lb., \$2.50.



# CELERY.

SELLERIE, GER. CELERI, FR.  
1 ounce of seed for 2000 plants.

**CELERY PLANTS.** Ready about June 1st. For prices on these and other Vegetable Plants see end of Vegetable Seed List.

## CELERY FOR PROFIT,

By T. GREINER. It tells how to dispense with nine-tenths of the labor generally thought necessary in celery growing, and how to make the business pay really big profits. This book is thoroughly complete in every detail, and is embellished with many helpful and original illustrations. 30 cts., Postpaid.

### White Plume, Selected.

**THIS** is a very popular early variety that for fall and early winter use is not surpassed. A desirable feature of this Celery is that *naturally*, its stalks and heart are white so that by closing the stalks by tying or by drawing the soil close about the plant and pressing it together with the hands, the blanching is completed. It is the *earliest* Celery in cultivation, but will not keep longer than the holiday season. Pkt., 5c.; oz., 15c.; lb., \$2.00.

**CRAWFORD'S HALF DWARF.** A white variety, intermediate in size, crisp and nutty. A favorite with market gardeners. Pkt., 5c.; oz., 15c.; lb., \$2.00.

**GIANT WHITE SOLID.** The best large variety. Fine for market as well as family garden. Pkt., 5c.; oz., 15c.; lb., \$1.50.

**BOSTON MARKET.** A medium sized, hard, crisp and delightfully flavored white variety. Pkt., 5c.; oz., 15c.; lb., \$1.50.

**DWARF GOLDEN HEART.** In the leading Celery-growing districts this is extensively grown. It is a distinct and handsome sort. When bleached the heart is golden yellow, solid, showy and attractive. Of excellent flavor and one of the best keepers during the winter. Pkt., 5c.; oz., 15c.; lb., \$1.50.

### Evan's Triumph.

The best late Celery.

**THIS** new Celery is of *superb* quality and one of the best keepers, remaining in condition for use much longer than most sorts. The very large solid stalks are of the finest quality and texture, *crisp, brittle, tender and really nutty in flavor*. It stands at the head of all late keeping Celeries. Pkt., 5c.; oz., 30c.; lb., \$3.00.



CELERIAO.

**CULTURE**—Celery can be successfully grown with but little labor, in any good garden soil, by using plenty of well rotted manure with a liberal sprinkling of coarse salt worked into it, and this mixture should be put into the trenches, working it well into the soil, at least two weeks before the plants are transplanted into them. It delights, however, in low, moist, rich bottom land, or well-drained muck-soil. It is usually grown as a second crop.

By T. GREINER. It tells how to dispense with nine-tenths of the labor generally thought necessary in celery growing, and how to make the business pay really big profits. This book is thoroughly complete in every detail, and is embellished with many helpful and original illustrations. 30 cts., Postpaid.

### Perfection Heartwell.

**A** STANDARD sort and one of the best of the white varieties. The stalks are of good size, vigorous growth, very solid and never hollow; crisp, tender and of exceedingly fine, nutty flavor. Some of our largest growers, who have tried

other sorts extensively choose the "Perfection," for the main crop, as there is no other strain which equals it for storing, and few which approach it in quality and beauty. Pkt., 5c.; oz., 15c.; lb., \$1.75.

**GIANT GOLDEN HEART.** A selection from Dwarf Golden Heart. The quality is grand, by some considered better than in the original variety; large size, beautiful color, crisp and deliciously flavored. One of the best celeries for market, and also desirable for home use. Pkt., 10c.; oz., 30c.; lb. \$3.00.

**GIANT PASCAL.** A selection from the famous Golden Self-blanching. It produces broad and thick, solid stalks of handsome appearance, which are entirely stringless, crisp and tender, and of a delicious, nutty flavor, and is absolutely free from any bitter taste. It requires but little earthing up, bleaches rapidly. It is a good keeper and for January and February use is undoubtedly unexcelled. It is a good shipping variety, free from rust or rot. Pkt., 5c.; oz., 20c.; lb., \$1.75.

**NEW ROSE.** The red Celeries far surpass the white and yellow in flavor and keeping qualities and the color feature renders them attractive for table decoration. We offer this as the choicest red variety. It is hardy, crisp, nutty, and one calculated to win the favor of all. Pkt., 5c.; oz., 20c.; lb., \$1.75.

**OLD CELERY SEED.** Used in flavoring soups, pickles, etc. ¼ lb., 10c.; lb., 35c.

### Golden Self-Blanching.

**THE** best celery in cultivation and the most profitable for market and family use. The handsome appearance and straight, strong stalks of this celery are well brought out in the illustration. The heart is large, solid, golden yellow in color and of delicious flavor. It will turn at maturity to a yellowish white without banking, but like all other celeries is improved by having some dirt brought up to the stalks. Pkt., 5c.; oz., 25c.; lb., \$2.50.



## CELERIAO,

or TURNIP ROOTED CELERY.—A variety of celery having turnip or apple-shaped roots which may be cooked, sliced, and used with vinegar, making an excellent salad. It is cultivated like celery, little or no earthing being required. Ready for use in October. One ounce for 50 feet of row.

**BARNARD'S GIANT.** Very large roots. Flesh white, with a stronger and sweeter flavor than other varieties. Pkt., 10c.; oz., 35c.; lb., \$5.00.

**LARGE, SMOOTH PRAGUE.** One of the best. Roots smooth, almost round. An excellent keeper. Pkt., 5c.; oz., 15c.; lb., \$1.25.

**EXTRA LARGE ERFURT.** Much prized by German gardeners. Pkt., 3c.; oz., 10c.; lb., \$1.00.

**APPLE SHAPED.** A new and improved sort, that keeps admirably. Pkt., 3c.; oz., 15c.; lb., \$1.25.

WASHTENAW CO., MICH.

I think the seeds we get of you are the best I have purchased from any firm. You send the best and most seed for the money.

MRS. GEO. BAHNMILLER.



## ...CHICORY...

1 ounce for 100 ft. of drill.

Sow in light, rich soil in early spring in drills half an inch deep in rows one foot apart. Cultivate like Carrots. The roots are fleshy, and when dried and ground are mixed with or used as a substitute for coffee. The young leaves are used as salad and are preferred by some even to the Dandelion.

**LARGE RED MAGDEBURG.** Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c.

## CHIVES.

Chives belong to the Onion tribe.

They are cultivated for their tops which are used for flavoring. The clumps we offer, planted in ordinary garden soil, soon increase so that the tops can be cut during the season as required. 1 or 2 clumps are sufficient for a family garden. Clumps, 10c; by mail or express prepaid, 25c.

**CHUFAS or Earth Almonds.**

See page of Miscellaneous Seeds.

## CORN, SWEET or SUGAR.

WELSCHKORN, Ger. MAIS, Fr.

1 qt. for 200 hills. 1 peck for an acre in hills.

All varieties may either be sown in rows  $\frac{3}{4}$  feet apart, placing the kernels one foot apart in the row, or planted in hills at a distance of 3 to 4 feet each way. The richer the soil and the taller the variety, the greater should be the distance between the hills. The first planting may be made about May 15th. For succession, plant every two weeks until August.

### MAMMOTH WHITE CORY.

The Largest and Best EXTRA EARLY Sweet Corn.

A DECIDED and marked improvement on the White Cob Cory.

The ears are twelve instead of eight-rowed, very much larger and free from the open space which is such an objectionable feature of the original sort. The grain is white, the quality is good, and the beauty and size of the ears gives this variety ready sale in all markets. Packet, 5c; pint, 20c; quart, 40c; pk., \$1.00; bu., \$3.75.

**EARLY CORY (RED COB).** Recognized throughout the United States as the standard early Sweet Corn. Ears eight-rowed, with red cob and broad light pink grains. A profitable sort to grow for early market. Pkt., 5c; pt., 20c; qt., 35c; pk., 85c; bu., 3.00.

**EXTRA EARLY ADAMS.** This is really a field corn, but a very tender variety for table use. It can be planted earlier than any Sweet Corn. Ripens within sixty days. Pkt., 5c; pt., 15c; qt., 30c; pk., 75c; bu., \$2.75.



UPLAND CRESS.

### CORN SALAD or FETTICUS.

1 oz. to 35 feet of row.

It is used during the winter and early spring months as a substitute for Lettuce. Cooked and served same as Spinach.

Seed may be sown in August or September, in shallow drills, and protected in cold sections by leaves or straw during the winter. Cultivate the same as Lettuce, thinning 3 or 4 inches apart.

**LARGE LEAVED.** Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 20c; lb., 60c

## CRESS or PEPPER GRASS.

KRESSE, Ger. CRESSON, Fr.

A well-known pungent salad. It can be eaten alone or with lettuce. Requires to be sown thickly in shallow drills at frequent intervals, say two weeks apart, to keep up succession as it soon goes to seed. Should be cut when quite young.

**DOUBLE CURLED.** For salad or garnishing. May be cut two or three times. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 40c.

**UPLAND CRESS.** This is a hardy perennial which remains green almost the entire year. It is ready for use before any other Salad in the spring. It has the flavor of Water Cress. Pkt., 10c.

### WATER CRESS.

Can be grown in moist places fairly well, and easily where there is a supply of fresh water—on the margin of ponds, creeks, etc. It has perennial roots and increases rapidly by self-sown seeds and extension of the roots. It has a pungent flavor. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00.

Please note that prices quoted for pints and quarts are postage paid by us. If ordered by express deduct at rate of 10 cents per quart. One-half pints furnished at pint rates.

**EARLY MINNESOTA.** An old but most excellent variety both for market and home use. Ears fair size and uniform, eight rowed, kernels tender and sweet; color white. Nearly as early as Cory. Pkt., 5c; pt., 15c; qt., 30c; pk., 75c; bu., \$2.75.

**CROSBY'S EARLY SUGAR.** This is extensively grown for canning. Ears short, twelve or more rowed, grain thick and sweet. Comes in three or four days later than Minnesota. Packet, 5c; pt., 15c; qt., 30c; pk., 75c; bu., \$2.75.

### Country Gentleman.

The Finest Sweet Corn for Private Use.

THE great merit of this Corn is its fine quality, being of fine, rich flavor, remarkably sweet and tender. Where quality is preferred to size, it has no equal. Ears of fair size, three to five to a stalk, cob small. Kernels pure white and long. We cannot speak of it too highly as the Sweet Corn to plant for home use. Ripens about same time as Stowell's Evergreen. Packet, 5c; pt., 15c; qt., 30c; pk., 80c; bu., \$3.00.

### STOWELL'S EVERGREEN.

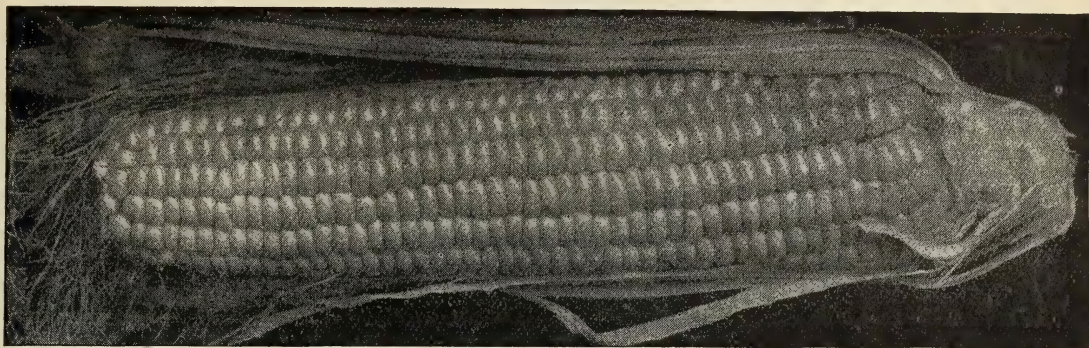
More extensively planted than any other sort, being the general favorite with market gardeners and cannery for late use. If planted at the same time with earlier kinds it will keep the table supplied until October. Ears are of good size, grain deep, tender and sugary, remaining a long time in condition for cooking. Pkt., 5c; pt., 15c; qt., 25c; pk., 75c; bu., \$2.50.



MAMMOTH WHITE CORY SWEET CORN.



## SWEET CORN.—Continued.



AN EAR OF EARLY CHAMPION, PHOTOGRAPHED GREEN WHEN READY FOR BOILING.

✓ **EARLY CHAMPION.**

The Earliest LARGE Sweet Corn.

**PRODUCES** ears ten inches long in 60 days. Comes in immediately after the small eared early sorts. It has a medium size, white cob, kernels pure white, very sweet, tender and full of milk; yields three to four ears to the stalk. Pkt., 5c; pt., 15c; qt., 30c; pk., 75c; bu., \$2.75.

**OLD COLONY.** An old variety that is hard to beat. Ripens a little ahead of Stowell's Evergreen. Stalks grow tall and carry usually two large ears, sixteen rowed. The grain is deep, rich and sweet; cob white. A valuable market sort and *one of the best for canners*. Pkt., 5c; pt., 15c; qt., 30c; pk., 70c; bu., \$2.50.

**PERRY'S HYBRID.** Nearly as early as Minnesota with larger ears, twelve to fourteen rowed, averaging two ears to a stalk. Kernels large, cooking white and tender. Pkt., 5c; pt., 15c; qt., 30c; pk., 75c; bu., \$2.75.

**MOORE'S EARLY CONCORD.** Medium early; 12 to 16 rowed. Ears large and well filled. Good to follow Crosby. Pkt., 5c; pt., 15c; qt., 25c; pk., 75c; bu., \$2.75.

✓ **Chicago Market.**

A Money Maker for the Market Gardener.

**OUR** local market gardeners consider this one of the most profitable varieties to plant, some of them use no other.

It has many good points to commend it, chief among which are *earliness, large size, fine appearance* (being well formed), *great productiveness*, two to three ears on a stalk, and *superior table quality*. It is twelve rowed, cob white, a stout, stocky grower, and is equally valuable for the home gardener as the trucker. Pkt., 5c; pt., 15c; qt., 30c; pk., 75c; bu., \$2.75.

**HICKOX.** A week to ten days earlier than Evergreen. Makes a large ear of white and handsome grain on a white cob. Remains in condition a long time. The best sort for drying and canning. Pkt., 5c; pt., 15c; qt., 25c; pk., 75c; bu., \$2.75.

**BLACK MEXICAN.** Although the ripe grain is black or blue-black in color, the corn when in condition for table cooks *almost white*. It is very *sweet and tender*. Once tried in the family garden it is sure to be continued. Pkt., 5c; pt., 15c; qt., 30c; pk., 75c; bu., \$2.75.

✓ **ZIG ZAG EVERGREEN.**

**THIS** illustration (taken from a photograph of a dried ear) gives a better idea of its characteristics than can be described. Hitherto Stowell's Evergreen has been the standard and favorite late corn, but it must now take its second place. Zig Zag is *sweeter*, has *larger ears*, is much more *productive* (yielding 2 to 4 ears to the stalk) and remains fit for use *longer than Stowell's* or any other variety. For canning factories it is unequalled. *Private planters and market gardeners* who once try this will use no other late variety, for, beyond all doubt, it is the best large eared late Sweet Corn produced up to the present time. Pkt., 5c; pt., 15c; qt., 30c; pk., 75c; bu., \$2.75.

**POP CORN.** The boys will thank you to order some for them to plant. We have seed that is very choice. It pops large and white. Pkt., 5c; ½ lb., 20c; lb., 30c.

**MAMMOTH SUGAR.** Ripens a little later than Evergreen. Large ears. Kernels flat. Largely used by canners and market gardeners. Pkt., 5c; pt., 15c; qt., 30c; pk., 75c; bu., \$2.75.

**EGYPTIAN, or Washington Market.** This matures very late. Invaluable for canning, ears large, twelve to fifteen rowed grain is sweet and tender. Pkt., 5c; pt., 15c; qt., 25c; pk., 75c; bu., \$2.75.

Please remember our prices on Sweet Corn by the pint and quart include prepayment of postage by us. Customer ordering Sweet Corn to be sent by freight or express can deduct at rate of 10 cents per quart from prices named.

**FIELD CORN** and **SWEET CORN** for Fodder For prices and description see

pages 49 and 50.



**SLUG SHOT**  
KILLS  
THE BUGS.

# CUCUMBER.

GUERKEN, Ger. PEPINO, Sp. CONCOMBRE, Fr.  
1 oz. for 50 hills; 3 lbs. in hills per acre.

**SLUG SHOT**  
KILLS  
THE BUGS.

**T**HE Cucumber is a tender annual and should never be planted in open ground until settled weather arrives, for general crop about the middle of May. For pickles, plant in June or to about the middle of July. By far the best results are obtained from plantings in warm, rich sandy loam. Prepare hills 4 feet apart each way, and mix with the soil of each a shovel full of well rotted compost. Sow thickly, and when all danger of insects is past, ("Slug Shot" is sure death to the striped cucumber beetle), thin out all but three or four of the stockiest vines in each hill. As the cucumbers attain sufficient size, both the perfect and the imperfect specimens should be picked at once, as fruit left upon the vines to ripen soon destroys their vitality, and consequently their productiveness.

## SIBERIAN.

Very early, at least a week ahead of Early Russian. Of quick, short growth, fruit small, green, just the size so much esteemed for table pickles. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**COOL AND CRISP.** As a Cucumber for slicing we know of none better. Long and slim, pointed at the ends, very dark green, almost black. One of the earliest. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**EXTRA EARLY GREEN PROLIFIC.** Matures fully ten days earlier than the well-known Green Prolific. Market gardeners will find it very advantageous to plant this strain. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

**EARLY FRAME.** An old and popular variety, bearing fruit of good size, straight and well formed. Desirable for pickles. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

## EARLY GREEN CLUSTER.

Hardy and vigorous bearing fruit in clusters near the root. Desirable for table use. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

**EARLY RUSSIAN.** For small pickles this is a good sort to cultivate. Grows about 4 inches long and is very hardy. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

## Arlington White Spine.

**T**HIS is a favorite market variety, largely used for forcing as well as for out-door cultivation. It is early, of good size, always straight and smooth, and very prolific. Color dark green, never turns yellow, and excels in crispness and fine flavor. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.

**NICHOL'S MEDIUM GREEN.** Is good for early forcing, and for slicing and pickles. Color, dark green, flesh crisp and tender. Some pickle growers think this is the best variety for the purpose. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

**GREEN PROLIFIC.** Great bearer of medium sized fruit that is excellent for slicing as well as for pickling. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

**GHERKIN or BURR.** From the West Indies. A very small oval sort, grown exclusively for pickles. Prolific to an extraordinary degree. Seeds are slow to germinate. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.



## WESTERFIELD'S CHICAGO PICKLE.

**T**HIS is now recognized all over the country as the BEST Cucumber for pickles. It is valuable for slicing also, being of fine flavor. The fruit is of medium length, pointed at both ends, coarsely prickled; color dark green. Our Chicago pickle factories use this variety to a large extent. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

deep green color in all stages of growth. Fruit is quite long, smooth and handsome. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

**IMPROVED LONG GREEN.** Long and smooth. One of the very best for sweet pickles. Firm and crisp with very few seeds. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

## BISMARCK.

One of the best to grow under glass. Fruit long, slender, dark green; flesh crisp and tender, excellent either for pickles or slicing. We have genuine seed of this desirable cucumber. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.

**EVERBEARING.** Small size; very early and continues to produce fruit until killed by frost. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

**WHITE WONDER.** Color, ivory white, skin thin but tough, flesh solid and of fine flavor. Grows about 8 inches long. Unexcelled for use of the family table. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

## IMPROVED WHITE SPINE.

The well-known standard variety for table use, either sliced or in pickles. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

## EVERGREEN WHITE SPINE.

An excellent early shipping sort. It always remains a deep green color in all stages of growth. Fruit is quite long, smooth and handsome. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

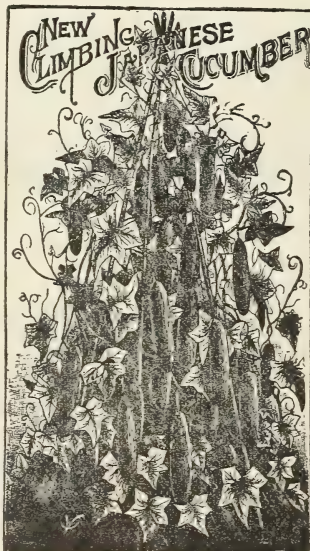
## Japanese Climbing Cucumber.

This new Cucumber is a strong and vigorous grower, the vines attaining nearly twice the length of common varieties. The young plants are bushy, but as soon as they become well established they begin to climb, and may be grown on fences, poles or trellises, thus saving much valuable space in small gardens or where land is expensive. It is estimated that with this Cucumber the product of a given area can be increased three-fold. The fruits are ten to twelve inches in length, of a fine green color; the flesh is thick and firm, never bitter, and fine for pickling, as well as slicing. It is very prolific, the vines are proof against mildew, and continue bearing until late in the fall. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 90c.

## For Frames and Forcing.

Sow the seeds in small pots early in the year.

**TELEGRAPH.** Fruit grows about 18 inches in length. Light green, smooth skin. An abundant cropper. Pkt., (25 seeds,) 25c.





# EGG PLANT.

EIERPFLANZE, Ger. AUBERGINE, Fr.

1 oz. for 1,000 plants. For price on plants see vegetable plant list.

Any good garden soil will answer, provided it be in a sheltered position and be well cultivated. Sow in hot-bed in March; when two inches high, transplant into a second bed or thin to 4 inches apart. Plant in open ground at commencement of summer weather, setting out in rows 2½ feet apart each way. Carefully protect from intense sun, drought, weeds and potato bugs. Throughout its growth take every precaution to avoid chilling. Use *Slug Shot* if you notice potato bugs on your egg plants.

**NEW YORK IMPROVED PURPLE.** This is known by market men everywhere. Fruit spineless; large, oval; skin purple, flesh white, quality excellent. Pkt., 5c; oz., 30c; ¼ lb., 75c; lb., \$2.75.

**BLACK PEKIN.** Very early; fruit nearly round, skin smooth, dark and glossy; flesh white and fine-grained. Pkt., 5c; oz., 30c; ¼ lb., 75c; lb., \$2.75.

**EARLY LONG PURPLE.** Hardier than other sorts; does well almost anywhere; fruit long and dark purple in color. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.50.

## ENDIVE.

Its leaves, when properly blanched, make a tender and delicious salad for fall and winter use. Should be sown in July. When the leaves are

ENDIVIEN, Ger. CHICOREE, Fr.  
1 oz. will sow 150 feet of drill.

eight to ten inches long, tie the tops together to blanch the heart and remove the bitter taste. Lift late in fall with a ball of earth attached and place close together in a frame or cellar.



GREEN MOSS CURLED ENDIVE.

**GREEN MOSS CURLED.** A unique variety, somewhat resembling a tuft of moss. Very crisp, tender and of good flavor. Being less hardy than other sorts, it requires protection from cold. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

**BROAD-LEAVED BATAVIAN.** Has slightly wrinkled, thick leaves. These, when blanched, make a delicious summer salad. It is usually grown for use in soups and stews. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

## GARLIC.

KNOBLAUCH, Ger. AIL, Fr.  
1 lb. to 10 ft. drill.

A bulbous-rooted perennial, much valued for flavoring soups, stews, etc. It thrives best in a light, well-enriched soil. The root or bulb is composed of many small bulbs called "cloves." which are planted in the spring, six or eight inches apart. In August the tops die down, when the bulbs are ready to gather. Cultivate and store, same as onions. Fine bulbs, ¼ lb., 15c; lb., 30c., postpaid.



SAGE.

SWEET MARJORAM. SUMMER SAVORY.

## HERBS—Pot, Sweet and Medicinal . . .

Herbs in general delight in a rich, mellow soil. Sow the seeds early in spring in shallow drills, one foot apart; when up a few inches thin out to proper distance or transplant. Care should be taken to harvest them properly. Do this on a dry day, just before they come into full blossom; dry quickly in the shade, pack close in bottles or dry boxes to exclude air entirely.

Varieties marked with an \* are perennials.

	Pkt.	Oz.
<b>Anise.</b> Used for seasoning and garnishing . . . . .	5	10
<b>*Balm.</b> For cooking purposes . . . . .	5	25
<b>Borage.</b> Leaves are used as a salad . . . . .	5	15
<b>*Caraway.</b> Seeds used medicinally and in bread . . . . .	5	10
<b>*Coriander.</b> Seeds used for flavoring . . . . .	5	10
<b>Dill.</b> Leaves used with pickles, seeds for flavoring soups and vinegar . . . . .	¼ lb., 20c; lb., 60c;	5 10
<b>Fennel.</b> Seeds for flavoring; leaves for garnishing . . . . .	5	10
<b>*Horehound.</b> Has medicinal qualities . . . . .	5	20
<b>*Lavender.</b> Its flowers are used in the manufacture of oil and distilled water . . . . .	5	15
<b>Marjoram, Sweet.</b> Used for seasoning . . . . .	5	10
<b>*Pennyroyal.</b> For medicinal purposes . . . . .	10	
<b>Rosemary.</b> Leaves used for seasoning . . . . .	5	20
<b>Saffron.</b> Used for coloring . . . . .	5	15
<b>Sage.</b> Leaves are used in stuffing and sauces . . . . .	5	15
<b>Savory, Summer.</b> Used for seasoning . . . . .	5	10
<b>*Thyme.</b> For seasoning . . . . .	5	30
<b>*Wormwood.</b> Has medicinal properties . . . . .	5	15

We can supply any of above in larger quantities.

## KALE. See Borecole.

**HORSE RADISH.** This is not reproduced from seed, but planting pieces of roots called "sets." These, planted small end down about two inches below the surface, will produce radish in one season. As it increases very rapidly, any out of the way location in the garden should be chosen. Small roots, doz., 25c; 100, 75c, by mail, postpaid. Write for special price in large quantities.

## KOHL RABI. TURNIP ROOTED CABBAGE.

KOHLRABI, Ger. CHOU-RAVE, Fr.  
1 oz. to 2,000 plants.

**WHITE SHORT LEAVED.** Much superior to Vienna. It is very early and the best for forcing as well as for outdoor culture. Bulb is greenish-white, smooth, of finest texture and quality. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

**EARLY WHITE VIENNA.** Early; small, white bulb. Best for table use. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.60.

**EARLY PURPLE VIENNA.** A little later than the white; color purple. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.60.

## LEEK. LAUCH, Ger. POIREAU, Fr.

1 oz. to 150 ft. of drill.

**LARGE AMERICAN FLAG.** This is the sort chiefly grown by market gardeners. It is of excellent quality, mild flavor and uniform. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

**MUSSELBURG.** (Scotch Champion.) Large and broad leaves. Flavor mild and pleasant. A good Leek. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

**GIGANTIC CARENTAN.** The largest variety, often three inches in diameter, and becoming very white and tender. A very hardy and desirable sort, which is worthy of more extended cultivation. Pkt. 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25.



# LETTUCE.

LATTICH, Ger. LAITUE, Fr.  
1 ounce will sow 150 feet of drill.

Lettuce in preference to the loose-leaved varieties; they are finer flavored, more solid, tender and crisp, and usually without a trace of the bitter flavor occasionally noticeable in the loose-leaved sorts.

## ...CURLED OR LOOSE-LEAVED LETTUCE...

### Grand Rapids.

FOR greenhouse forcing this fine Lettuce deservedly stands at the head of the list. It matures quickly, is little liable to rot, and keeps without wilting when exposed for sale longer than any other forcing sort. Forms a loose head of yellowish green leaves. It is also a desirable variety to sow in the open ground in early spring. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 75c.

**EARLY CURLED SIMPSON.** Excellent for forcing. It forms a compact mass of leaves, more curled than those of Black seeded Simpson. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

### Cos, or Celery Lettuce.

The Cos Lettuces are distinct from the other sorts, in having long, narrow, spoon-shaped leaves, which usually fold into loose sugar loaf shaped heads, which blanch better by having the outer leaves drawn about them and tied. They are justly celebrated throughout Europe on account of their exceeding crispness, tenderness and delicate flavor, and are becoming more and more popular in this country as they become better known.



GRAND RAPIDS FORCING.

### Black Seeded Simpson.

IN Chicago and throughout the West in general this is the favorite with market gardeners and is unexcelled for the private garden. Its leaves are lighter in color than Curled Simpson; they are nearly white, thin, crisp and tender. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 75c.

**PRIZE HEAD.** One of the best, large, thin loose-leaved sorts for the home garden. The leaves are exceedingly tender, bright green, tinged with red, slightly crimped, crisp and tender. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 75c.

### COS, OR CELERY LETTUCE.

**TRIANTON.** A self-blanching sort. The leaves when blanched, are crisp and tender and stiff, like celery stalks. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

**PARIS WHITE.** Light colored, very brittle, tender leaves. Head elongated and conical. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

## ...HEAD OR CABBAGE LETTUCE...

Lettuce fresh and crisp from the garden is most enjoyable. We earnestly advise all who have a little plot of ground to grow their own Lettuce using some of the following:

### Denver Market.

AN early variety either for forcing or the open ground. It forms large, solid heads of a light green color and is slow to run to seed. The leaves are beautifully marked and blistered (like the Savoy cabbages), are very crisp, tender and of excellent flavor. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

**WHITE SEEDED TENNIS BALL or Boston Market.** A fine, early sort; small, white, crisp leaves. Being hardy is grown in cold frames in winter. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 75c.

**BLACK SEEDED TENNIS BALL.** For forcing under glass or early planting out-doors, this is one of the best. Leaves thick, dark green, forming very solid heads. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 75c.

**Hanson.** For out-door culture there are none more reliable than this. In rich ground, well cultivated, the heads grow to resemble small cabbages. Outer leaves green, white within, having no better taste. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 75c.

**CALIFORNIA CREAM BUTTER.** A summer lettuce whose rich cream-yellow leaves are most refreshing in appearance and rich and buttery to the taste. The heads are of good size, round and solid, and slow to go to seed. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

**BIG BOSTON.** Sure to be wanted by all. It makes large, solid heads at all seasons and is crisp and tender in quality. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

### Tilton's White Star.

A Great Favorite with Market Gardeners.

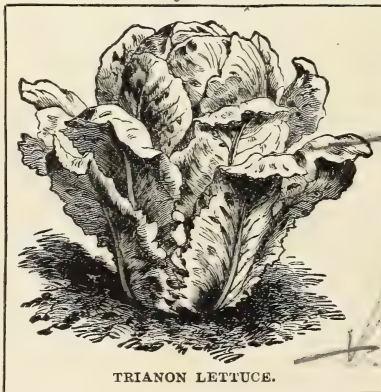
**SUPERIOR** for forcing as well as out-door planting; splendid shipper. Forms enormously large heads; leaves bright green, thick and crisp. This variety retains its fresh appearance longer than many other varieties. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 75c.

**SALAMANDER.** Heads large, compact, light green, with white center. Invaluable to market gardeners, because of its remaining a long time in head, and also on account of its resistance to both drought and heat. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 75c.

**YELLOW SEEDED BUTTER.** A valuable variety for late spring or summer planting, as it will stand the heat better than most sorts, and is slow to go to seed. Its large, solid, yellow heads are very crisp and tender, and of excellent flavor. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

**ST. LOUIS HEAD.** Considered the best head lettuce to force under glass and for early planting out of doors. A favorite with the St. Louis market gardeners as well as those of other cities. Forms medium sized heads, compact and solid. Leaves thick, rich and nutty in flavor. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

**ALL THE YEAR ROUND.** A hard head lettuce. Leaves crisp and tender. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 75c.



TRIANTON LETTUCE.



# MUSK MELON.

MELONE, Ger. MELON, Fr.

1 ounce to 60 hills; 2 to 3 lbs. per acre in hills.

well up and all danger from bugs has passed, thin gradually, leaving finally 2 or 3 of the stockiest vines to hill. Should the fruit set too thickly, thin when young, in order to increase the size and the quality of the remaining melons. This also hastens ripening.

Ashes or lime is excellent to sift over the young plants to prevent the attack of insects. Use *Slug Shot* to kill them.

**EXTRA EARLY HACKENSACK.** Ripens fully *ten days ahead* of the old Hackensack, which it much resembles. Being a good shipper it is largely grown at the South and sent to Northern markets. Fruit large, round and deeply netted. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**NETTED GEM.** One of the earliest and the best *SMALL green-fleshed melon in cultivation.* It is grown for shipping in baskets to almost every market in the country. The fruit, while not large, is remarkably uniform in size, globular in shape, skin light green and deeply netted. In flavor it is most delicious. *Truly a gem.* Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

## LONG ISLAND BEAUTY.

A new variety of the Hackensack type, originated on Long Island. It possesses so many advantages over that well-known sort that it is destined to supersede it. The skin is densely netted. In form it resembles the Hackensack but is more ribbed and of handsome appearance. Besides its *superior quality* it has also *earliness* to commend it for approval. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**MONTREAL MARKET.** To all who wish to raise the most beautiful melons for exhibition, or extra large fruit for the market we recommend this variety. Very authentic reports are recorded of these melons having been grown to the weight of *nearly forty pounds each.* In Canada, where they are chiefly grown under glass, twenty-pound melons are common. Fruit is almost round, flattened at both ends, deeply ribbed and netted; skin green. Flesh *very thick*, light green, and of delicious flavor. It is a sure and heavy yielder. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**IMPROVED GREEN NUTMEG.** A large melon, nearly round. Flesh greenish yellow and of delicate flavor. The seed we offer is most carefully selected and we know it will give satisfaction. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

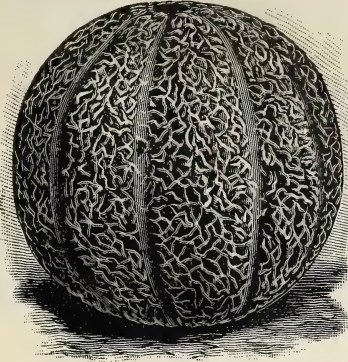
**PAUL ROSE.** A valuable melon for shipping in baskets. Fruit about five inches in diameter, nearly round. Solid with very small seed cavity. Flesh salmon color and of good quality.

Pkt. 5c; oz., 20c; ¼ lb., 60; lb., \$2.00.

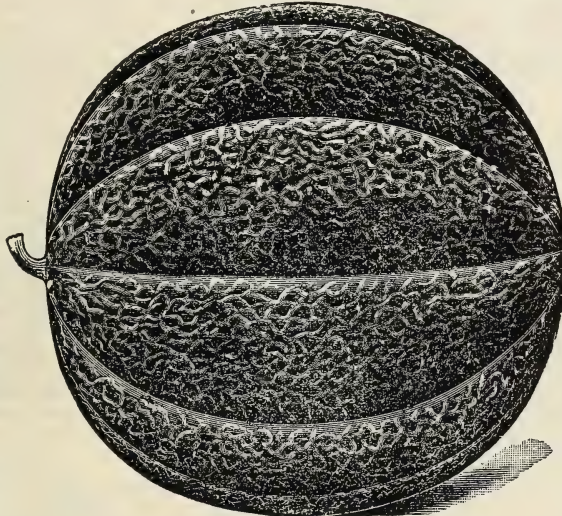
Musk melons thrive best in a warm, rich, sandy loam. After thorough spading or plowing, make hills 6 feet apart each way and mix with the soil of each two shovelfuls of well-rotted compost. The hills should be 18 inches in diameter, 15 inches in depth, and raised about 3 inches above the surface of the land. As soon as warm weather becomes established, plant 12 to 15 seeds in a hill. When plants are

thoroughly established, leaving finally 2 or 3 of the stockiest vines to hill. Should the fruit set too thickly, thin when young, in order to increase the size and the quality of the remaining melons. This also hastens ripening.

Ashes or lime is excellent to sift over the young plants to prevent the attack of insects. Use *Slug Shot* to kill them.



NETTED GEM.



TIP TOP.



NEW LONG ISLAND BEAUTY MELON.

## CHICAGO MARKET.

This exceedingly valuable nutmeg variety, originated as a result of careful selection, with one of Chicago's most successful market gardeners and melon growers. It continues to hold the highest place in the estimation of market men, holding its own year after year against all comers. It matures early, ripens evenly, and is of uniform size. The fruit is large, nearly round in form, and flattened at the ends. Flesh thick and of most delightful flavor. It is a green fleshed variety, and in good demand among the Chicago hotels. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

## Champion Market.

The flesh is thick, light green in color, and of rich, sweet flavor, well maintaining the promise of quality that is indicated by the deep ribs, heavy netting and handsome appearance. The melons are of the same form and outer appearance as Netted Gem, but are *three times the size.* It is early and *very productive*, frequently bearing seven perfect melons on a single vine. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**ROCKY FORD.** A new and valuable melon which, within a very short time, has attained national fame for dainty appearance, excellent quality, and delicacy of flavor. It is of the Netted Gem Type, oval in shape, averaging four in. in length. Flesh has a delightful aroma, is juicy and rich, color greenish white. Nearly all prominent hotels, east and west, now include the **ROCKY FORD** melon in their bill of fare. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

**TIP TOP.** There is a distinctness about this melon which readily enables any one to select it in a group. The universal testimony of every one cultivating the **TIP TOP** is, that every fruit produced, whether big or little, early or late in the season, is a good one—*sweet, juicy, fine flavor*, firm, but not hard fleshed, eatable to the very outside coating. As a yielder it is not surpassed. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**CHRISTIANA.** Recommended because of its *extreme earliness*, being of the quickest growth of any on record. Flesh yellow, sweet, juicy, and of good quality. It is best just as it falls from the vines, hence adapted *particularly to the family garden.* Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.



# MUSK MELON.—Continued.

**OSAGE OR MILLER'S CREAM.** This is more largely grown for the Chicago market trade than any other Musk Melon. It is exceedingly popular throughout the West, and in its season is served on all hotel tables and leading restaurants.

The shape is pointed-oval, somewhat resembling a cocoanut. Medium size, color dark green, slightly netted and of a rich orange color where the melon lies on the ground. The flesh is thick, salmon-colored, and in quality is hard to beat. Thin rind and very small cavity. We have some extra choice seed of this fine melon. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**EMERALD GEM.** A small, very early sort, that is without doubt the most delicious table melon extant. Form, flat-round. Flesh, deep orange, very thick, with small seed cavity. Skin smooth, dark green. The quality is all that can be desired. This melon is not a good shipper. We commend it to all for home use. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 75c.

**STRAWBERRY MUSK MELON.** This, the latest production of an expert melon originator, was first introduced by us. Its outward appearance compares favorably with the old Green Nutmeg, turning to a yellowish hue overnight, when

ripe. Flesh red, soft to the rind, exceptionally sweet. Grows to a desirable market size, about 6 to 8 pounds each. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**SURPRISE.** An early and very prolific variety, bearing good-sized melons of first quality. It has a thin, cream-colored skin, and thick, salmon-colored flesh. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**BANANA.** An entirely distinct variety. It grows from eighteen inches to two feet in length. Fruit long, slender and banana-like. When

ripe it smells like one having a delightful fragrance. Skin creamy white, not netted; flesh salmon color when the melon is ripe. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

The culture of the Water Melon is very similar in all respects to that of the Musk varieties. Being hardier, and of much more vigorous habit, however, it may be planted in May, before settled warm weather appears, in hills not less than 8 feet apart, and thinned to two vines per hill. If melons of largest size are the object, remove all but a few when quite small.

## WATER MELON.

WASSERMELONE, Ger.

MELON D'EAU, Fr.

1 oz. to 30 hills, 4 to 5 lbs. in hills to an acre.

### ✓ K. COLE'S EARLY ...

A delicious and productive variety for the family garden, succeeding in Northern States. It is so early that it matures in every State; very hardy; the flesh is deep red in color, clear to the rind, and is most sweet and delicate in flavor. It is exceedingly brittle, and hence cannot be shipped to distant markets, but is most desirable for the home garden. Pkt., 5c; oz., 7c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**MAMMOTH IRON CLAD.** A monstrous, striped, oblong melon, having a rind of such remarkable strength and impenetrability as to render it perfectly "iron-clad;" hence the best shipper produced to date. Flesh red, sweet, tender, crisp and juicy. Heart very large. The keeping qualities of this melon are remarkable. Whether plucked or left upon the vines, they remain perfectly fresh fully one month after ripening. In addition to the foregoing facts it is the most remarkable yielder on record. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 20c; lb., 70c.

### ✓ SWEETHEART.

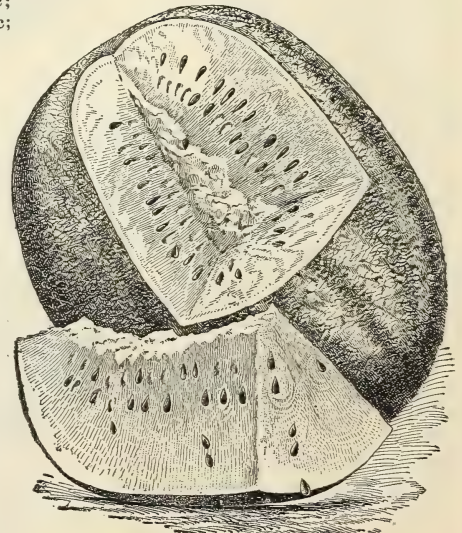
This variety has no equal as a melon to ship to distant markets, and it is so attractive in appearance that it is readily sold when all others are a drug. Of the largest size, a little longer than thick, but nearly globular in shape. Skin very bright, beautiful mottled green. Flesh bright red, firm and heavy, but crisp, melting and exceedingly sweet. This melon is not only a good keeper, but it improves in quality for a long time after ripening. Seeds dark gray. That which we offer is grown from the original stock, and is genuine Sweet Heart.

Pkt., 5 c;  
oz., 10 c;  
 $\frac{1}{4}$  lb, 20c;  
lb., 60c.

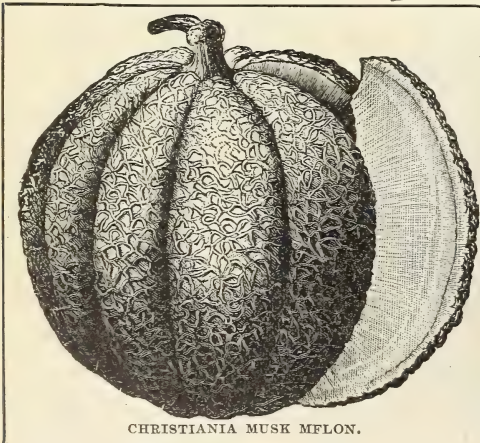
### ✓ VINE PEACH or MANGO MELON.

The vine on which they are borne is similar to the musk-melon, and requires the same cultivation. The fruit is about the size of a large peach, and of a bright orange yellow color, somewhat russeted. They are easily cultivated, wonderfully prolific, and can be used in every way like a peach.

Pkt, 5c; oz, 20c.



SWEET-HEART WATER MELON.



CHRISTIANIA MUSK MELON.



# WATER MELON.—Continued.



## ✓ HOOSIER KING.

*A melon with exceptional qualities.*

The melons grow oblong and are of an even diameter through their entire length. The flesh is brilliant red, very solid, sweet and luscious. The skin is striped light and dark green; the rind is very thin, but exceedingly hard, which renders it a *valuable shipping sort*, as well as a desirable variety for family and market purposes. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

## ✓ THE DIXIE.

*A water melon whose name and fame are known the country over.*

It is conceded to be the *best shipper* and keeper grown. It is larger, ten days earlier, more beautifully striped and of finer appearance than Kolb's Gem. Skin dark green, striped, flesh bright deep scarlet, sweet, tender and juicy. A most valuable cropper. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**CUBAN QUEEN.** An excellent melon which stands shipment well. Fruit medium to large, oval, skin striped, light and dark green; flesh bright red, sugary and crisp. It has been grown to weigh one hundred pounds. A good keeper. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

## ✓ KOLB'S GEM.

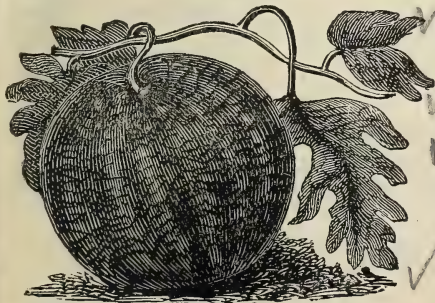
In the melon-growing states this variety is more largely grown than any other. The dark green rind, although thin, is exceedingly tough, so that the melons stand handling and long distance shipments without breakage. Flesh bright red, flavor excellent. Form nearly round, weight varies from 30 to 50 pounds. Retains its sweetness and freshness a long time. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**PRIDE OF GEORGIA.** For table use this water-melon stands unsurpassed. Owing to its thin rind it is not a good shipping sort. Form, oblong-oval, with indentations somewhat like those of the musk melon. Skin, deep green; flesh, red sweet and tender. Those who raise their own melons for home consumption will find this one first-class, and, too, it thrives in any section of the country. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 55c.

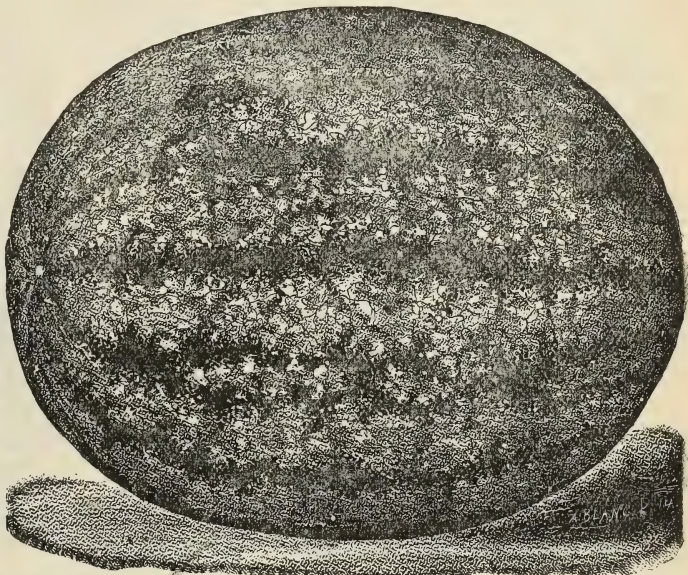
**GEORGIA RATTLESNAKE.** Fruit large, shape oblong, rind dark green striped and mottled, flesh red, of fine quality. It stands shipment long distances. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**MOUNTAIN SWEET.** An old standard sort and one of the best for the home garden. Fruit large oval, rind dark green and thin, flesh scarlet, solid to the core and sweet. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**PEERLESS or ICE CREAM.** An excellent one for home use. It will also stand shipping short distances. It is *early*, vigorous, *hardy*; fruit medium size, oval, finely mottled; flesh, bright scarlet, solid to the center, crisp, sweet and tender. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.



CITRON MELON.



KOLB'S GEM WATER MELON.

## ✓ TRIUMPH WATER MELON.

The leading characteristics of this fine

new melon are *earliness, fine shape, thin, tough rind, great productiveness, attractive color and excellent quality*. It is a cross between Duke Jones and Kolb's Gem. It has the handsome appearance of the former and the shipping qualities of the Gem, *very early*, very prolific, deliciously sweet and of enormous size. It possesses all of the qualities that go to make up a desirable Melon. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**DARK ICING.** Fruit round and of medium size; rind dark green, thin, but very strong; flesh deep scarlet; rich, juicy and delicious. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 60c.

**LIGHT ICING.** Similar to the preceding, but a light variety. Our stocks are carefully selected. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**PHINNEY'S EARLY.** The melons are of medium size, oblong in shape and uniform. Flesh red, tender and brittle. Rind mottled. A sure cropper. This Melon is hardy and a valuable sort for cultivating in the Northern States. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**CITRON.** Grows uniformly round and smooth, striped and marbled with light green. Flesh white and solid. It should be borne in mind this variety is not eaten in the raw state. It makes preserves of the finest flavor. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 70c.



# MUSHROOM SPAWN.

CHAMPIGNON BRUT, Ger. CHAMPIGNON, Fr.

Ten pounds will spawn about ten feet square.

**ROBINSON'S MUSHROOM CULTURE.**—A book giving directions how to raise Mushrooms. Postpaid, 50c.

**MUSHROOMS, HOW TO GROW THEM,** By Wm. FALCONER.—The most complete book published in America on the cultivation of Mushrooms. Per copy, \$1.50, postpaid.

MUSHROOMS are much enjoyed as a table luxury and with proper conveniences may be had almost the year around. The Spawn can be planted in anything capable of keeping the necessary materials together in a greenhouse, cellar or shed, where the right temperature can be secured.

**CULTURE:** Mix thoroughly three parts of horse manure, free from straw, with one part old pasture soil. Make a bed in the cellar, or anywhere that a temperature of 50 to 70 degrees can be maintained; make the bed of any size or shape to suit, but have the compost from 8 to 10 inches deep. When the heat has subsided to about 90 degrees, plant pieces the size of a walnut, 3 inches deep and 6 or 8 inches apart, pressing the compost compactly. After 8 or 10 days cover the bed with 2 inches of loam and top of this 3 or 4 inches of hay or straw and work it down evenly. After the bed has been spawned do not water unless quite dry and when necessary use luke warm water only. The mushrooms will appear in 6 or 8 weeks if the temperature is right.

**ENGLISH MUSHROOM SPAWN.** In bricks weighing about one and one-fourth pounds each, per brick, postpaid, 25c. By express, not prepaid, lb., 15c.; 10 lbs., \$1.25.

## MARTYNIA.

THIS is quite ornamental in growth, quickly forming large bushes and bearing handsome Gloxinia-like flowers. When young and tender (test by pinching with the nail) the seed-pods make excellent pickles, and as they are produced in great abundance, a few plants will suffice for an ordinary garden. Sow in May or June.

**MARTYNIA PROBOSCIDEA.** The best variety for pickles. It is well worth growing, as the large plants with their handsome pods attract great attention, and the young seed-pods make delicious pickles. Per pkt., 10c.; oz., 30c.; ¼ lb., \$1.00; per lb., \$3.00.

## MUSTARD.

SENF, Ger. MONTARDO, Fr.  
1 oz. sows 75 feet of drill.

The young leaves are used in early spring with cress, lettuce, etc. Sow thickly in shallow drills a foot apart and cut when a few inches high. May also be boiled and eaten like spinach.

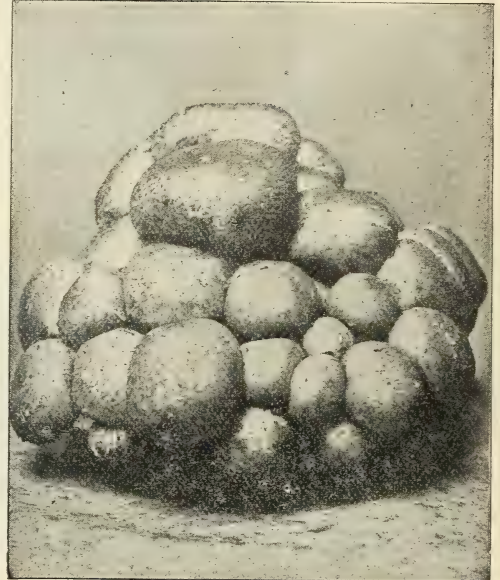
**WHITE.** Excellent for salads or garnishing. Oz., 5c; ¼ lb., 15c; lb., 35c.  
**BLACK or BROWN.** Leaves oblong, broad and cut. Seeds reddish brown. Oz., 5c; ¼ lb., 15c; lb., 35c.

## NASTURTIUM, Indian Cress.

If growing for seed, plant in poor soil; when cultivated for flowers or leaves the ground cannot be too rich.

**TALL VARIETIES.** The seeds, while young, are used for pickles, the highly ornamental flowers and leaves for garnishing. Pkt., 5c; oz., 10c; ¼ lb., 30c.

**DWARF VARIETIES.** Beautiful colored flowers. Pkt., 5c.; oz., 12c; ¼ lb., 35c.



The accompanying illustration was made from a photograph and portrays a single stool of Mushrooms grown by a Chicago gardener from our special brand **English Mushroom Spawn**. Our Spawn can be thoroughly depended upon. It is reliable and as we import frequently is always fresh.

## OKRA or GUMBO.

ESSBARER SAFRAN, Ger. GUMBO, Fr.  
1 oz. sows 50 feet of drill.

Extensively grown in the Southern States, and should be better known, as it is a delicious vegetable. The young green pods make a healthful and nutritious soup, and when pickled are a fine salad. Sow after weather becomes warm in rows three feet apart, two feet apart in the rows. Will succeed in any good garden soil.

**IMPROVED DWARF.** A distinct early variety. Pods comparatively short but very numerous. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

**WHITE VELVET.** A valuable new variety characterized by its round, smooth pods, free from ridges and seams. It is the most prolific Okra now offered, bearing 16 to 20 remarkably white pods per stalk; all well filled with tender, well-flavored fruit, rich in mucilaginous properties. Most desirable for all purposes for which Okra is used. Dried in the shade the pods can be used for soups at any time. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

## ... PEANUTS ...

When sending your seed order don't forget to order a few Peanuts for the boys and girls. It's lots of fun to cultivate Peanuts and ensures the young people a supply for the winter. Peanuts are a paying crop to grow

**EARLY VIRGINIAN.** Remarkably early, of large size and very productive. Of spreading habits cultivate in ridges. ½ lb., 15c; lb., 25c., postpaid.

**SPANISH.** The stems grow upright instead of spreading. Planted in May they yield a bountiful crop of nuts in September. This is a good variety on which to fatten hogs. ½ lb., 15c.; lb., 25c., postpaid.



WHITE VELVET OKRA.



# ONION SEED.

ZWIEBEL, Ger. OGNON, Fr.

1 oz. to 100 ft. of drill; 6 lbs. to an acre.

**CULTURE:** As early as the ground can be worked in the spring, sow the seed in drills fourteen inches apart, covering one half inch. They should be planted in rich, sandy soil, which is as free from weeds as possible. Commence hoeing as soon as the rows can be seen; skim the ground over the surface, avoid stirring deeply, and work the soil away from the bulbs. At second hoeing weed carefully and thoroughly by hand. When the tops die, pull and spread evenly over the ground, stir or turn until fully dried, then cut the tops one-half inch from the bulb. For pickles or sets, good ground should be prepared as above, and the seed should be sown very thickly in broad drills, about 40 pounds to the acre for sets, and 15 to 20 lbs. for pickling. For sowing onion seed and cultivating the crop, it will pay you to purchase a good drill and hand cultivator. See description elsewhere.

**EXTRA EARLY RED FLAT.** Matures very early, yields abundantly, and is of mild flavor; medium size, deep red, close grained, solid and heavy. An excellent market variety. Particularly recommended for the North and Northwest as even there it will produce full sized onions from the black seed. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**EARLY RED GLOBE.** Its extreme earliness has been a surprise to those who have grown it. Ready for market several weeks ahead of Large Red Globe. Of good size, fine grained and mild flavored. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.25.

**WHITE GLOBE.** This is one of the handsomest onions grown; of handsome shape, beautiful appearance and clear, white skin, commanding the highest market price. Flesh, pure snow white, and flavor extremely mild. Grows very rapidly, ripening very early and evenly. A splendid keeper. We have a superior strain of very choice seed. Packet, 5c; oz., 25c; ¼ lb., 70c; lb., \$2.50.

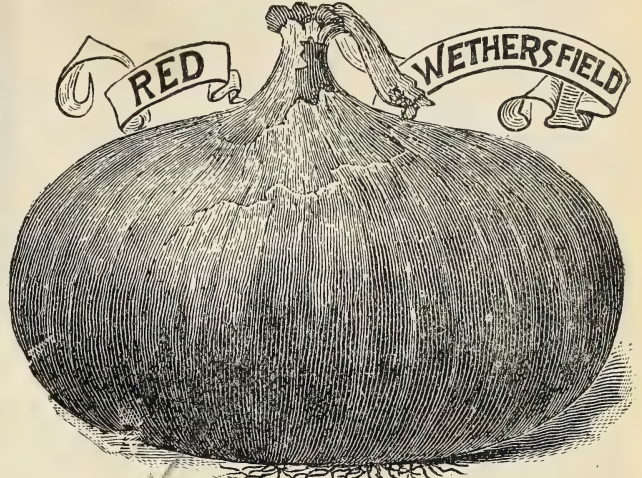
## QUALITY FIRST EVERY TIME IN ONION SEED.

It is of vital importance and the only way to insure a crop.

**ONLY** bulbs of the highest individual perfection, sorted and selected by experts with the utmost care, are planted for growing our onion seed. This is followed by the most careful attention to the details of cultivation, harvesting and curing. On this foundation we base our claim for the unsurpassed quality of our onion seed.

**T**HERE are two things which do not run in parallel lines, namely, low prices and highest quality of seed. Perhaps in no other crop will the departure from high grade stock be detected more surely than in Onion Seed. A certain amount of extra labor, extra watchfulness, extra expense, dating back for a number of years, represent the price of extra quality.

We have bestowed utmost care to provide our customers with good Onion Seed of highest quality. Crop 1898 cannot be sold for prices less than we quote.



Large Red Wethersfield.

By paying our growers an increased price for extra care we can confidently claim that for *size*, *productiveness* and *keeping qualities* our strain far surpasses the ordinary Red Wethersfield. Bulbs are perfect in form, purplish red in color, and bring the highest prices in market. Ripens in September; a sure and abundant cropper. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**WHITE PORTUGAL or SILVERSKIN.** Very desirable for family use, flavor mild and pleasant; skin silvery white; of handsome appearance; highly esteemed for pickling. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

## Barnard's Selected Yellow Globe Danvers Onion.

For complete description and illustration from photo see page 6.

Selected for large size, round form, thin, silky skin and splendid keeping qualities. The best of all yellow onions for the winter or spring market, as it keeps perfectly as late as April. **The most profitable onion for the market gardener.** Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

**YELLOW GLOBE DANVERS.** The product of this seed will not average so uniform in shape and other desirable points as our selected strain. It will be found fully equal to the standard of Yellow Globe Danvers as usually sold. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**In comparing our prices with others, please remember that WE PAY THE POSTAGE, and if the seed is ordered by freight or express at the expense of the purchaser, 10 CENTS PER POUND may be deducted.**

**YELLOW DANVERS.** Bulb of good size and flat; the standard yellow onion for market or home use, being both early and an enormous yield as well as a good keeper. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**SOUTHPORT LARGE YELLOW GLOBE.** This variety is quite distinct from the Yellow Globe Danvers. It is of large size, thin yellow skin, white flesh, fine-grained, mild flavor, firm and the best of keepers. Reliable for bottoming and free from scullions. It matures early; sells at the best prices. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

**SPECIAL PRICES.** It will pay market gardeners and onion growers who use large quantities of Onion Seed to write for special prices, stating quantity required.



YELLOW DANVERS.

who use large quantities of Onion Seed to write for special prices, stating quantity required.

PERFECT IN SHAPE

BEST IN COLOR

GREATEST IN YIELD



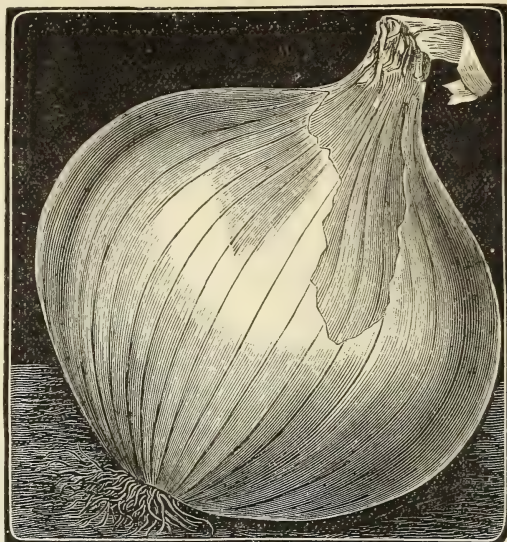
# ONION SEED, Continued.

## ... PRIZE TAKER ONION ...

**T**HIS grand variety has been several years before the gardening public and is now fully recognized as one of the best standard sorts. For handsome appearance and size it is not excelled by the monster onions from Spain, and in mildness of flavor and tenderness it is fully equal to the Bermuda Onion.

Whether cultivated for the home table or as a crop for the market this magnificent onion is really a valuable one to plant. In the market it attracts instant attention and brings the best price. *It is today one of the largest, handsomest and most profitable varieties grown.* By sowing early and transplanting it can be grown to an extraordinary size.

The Prizetaker Onion is globe shaped; of a clean, bright yellow or straw color. Has a small neck and ripens up hard. Keeps well until about midwinter. Flesh thick, white, mild and agreeable in flavor. It is easily grown, medium early in maturing. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.



PRIZE TAKER ONION.

## ONION CULTURE, The New.

By T. GREINER : : : This new work is written by one of our most successful agriculturists, and is full of new, original, and highly valuable matter of material interest to every one who raises onions in the family garden, or by the acre for market. By the process here described a crop of 2,000 bushels per acre can be as easily raised as 500 or 600 bushels in the old way. The plan is feasible, and is being pursued by many market gardeners throughout the country. It will pay you to read this book. We send it postpaid for 50c or present it to every purchaser of 5 lbs. or more of Onion Seed.

riety is its extreme earliness. It is fully two weeks earlier than the White Queen. Color, pure waxy white; very mild and delicate flavor; from 1 inch to 1 $\frac{1}{2}$  in. in diameter, and  $\frac{1}{4}$  inch thick. Good for pickling. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

**NEW QUEEN.** Bulbs very small and flat; flesh white and of a delicate flavor. Sown in February, they will make onions one or two inches in diameter early in the summer. Very early and of rapid growth, and keeps the year round. Fine pickling variety. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

**EARLY WHITE BARLETTA.** The great merit of this variety is its extreme earliness. It is fully two weeks earlier than the White Queen. Color, pure waxy white; very mild and delicate flavor; from 1 inch to 1 $\frac{1}{2}$  in. in diameter, and  $\frac{1}{4}$  inch thick. Good for pickling. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

## ...ONION SETS...

1 quart to 100 feet of drill.

Onion sets may be planted as early in the spring as the conditions of the ground will permit and these will produce onions in the green state by June. Set about 4 inches apart in drills 1 foot apart.

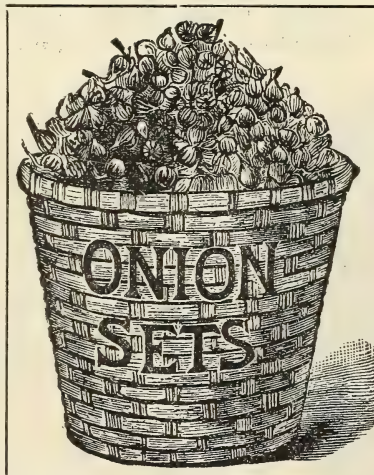
**BOTTOM SETS** are produced by sowing the seed very thickly (40 to 60 lbs. to the acre) as early as the ground can be worked in the spring, in beds or broad drills, and not thinning out. About the middle of July, or whenever the tops die down, usually when about an half an inch in diameter, they are pulled and allowed to lay on the ground a day or two, when the tops should be wrung off by hand, put into shallow trays or spread thinly in a dry loft; sets should be planted out as early in the spring as the ground is dry enough to work, in rows one foot apart, with sets two inches apart; the onions can be used in green state in June and will ripen in July.

The prices named below are for sets by mail postpaid. If you wish to purchase in larger quantities write for prices.

	QT. POSTPAID.
White Bottom Sets.....	30c
Yellow " ".....	30c
Red " ".....	30c
Potato Onions.....	35c
Top Onions.....	30c
White Multipliers.....	45c
Yellow Multipliers or Shallots.....	35c
Egyptian or Tree.....	25c

**TOP SETS.** On the top of the stem where seeds are produced on most onions, these tops or sets form. In early spring the clusters, after separating, are planted and the result is large onions which, with one year's growth, yield clusters on the top. They are used to make marketable onions, are sweet and mild flavored

**POTATO ONIONS.** Valuable for an early crop. The same bulbs increase in size and the parent bulb produces a quantity of small bulbs in a cluster, growing mostly on the top of the ground. They are great producers, mild and sweet in flavor and are esteemed by many to all other forms of Onion Sets.



## WHITE MULTIPLIER ONION SETS.

This variety frequently produces as many as twenty bulbs in a cluster from a single bulb planted. The color is white and the size just right for bunching green; while if ripened for use as pickling onions it can be grown economically. When ripened, their keeping qualities are remarkable, having been known to keep sound for one year. Perhaps their most profitable quality is extreme earliness, being ready for market three or four weeks ahead of any other Onion Sets. It is aptly said of them that "the grass and weeds cannot grow fast enough to cover them." The largest of the sets, if allowed to grow through the summer, makes an onion of fair size, which divides when ripening.

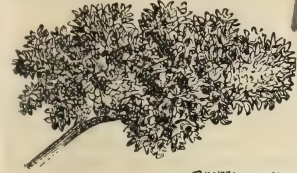
**WINTER or EGYPTIAN TREE.** When once set out it grows for years without any protection or care, except in keeping down the weeds. It starts so early in the spring that is ready for use a long time before any other onions can be had. It is mild-flavored, sweet and tender. They form no large bulbs, but divide and grow as many as fifteen or twenty small onions in one bunch.



## Parsley.

PETERSILIE, Ger. PERSIL, Fr.  
1 ounce will sow 150 feet of drill.

Soak the seeds a few hours in luke-warm water and sow early in spring in drills one foot apart. Thin out the plants to four inches. To preserve in winter transplant to a light cellar or glass frame. Used for garnishing and seasoning soups, meats, etc.



### ✓ CHAMPION MOSS

**CURLED.** The plant in appearance resembles a tuft of green moss. The leaves are extra large, extra dark green, tender, crimped and curled. Just the thing for market men

to sell in bunches of pot herbs. We recommend this sort. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 65c.

CHAMPION MOSS CURLED PARSLEY.

**FINE DOUBLE CURLED.** A curled variety having crimped leaves. It is used mostly for garnishing. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

**PLAIN OR SINGLE.** Plain leaves of excellent flavor. They are longer than those of the curled Parslies. Packet, 3c; oz., 7c; ¼ lb., 15c; lb., 60c.

**HAMBURG.** The edible portion is the fleshy root. It is highly esteemed for flavoring soups, stews, etc. Packet, 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

## PEAS.

ERBSEN, Ger. POIS, Fr.  
1 quart will sow about 125 ft. of drill. 1½ bu. an acre.

Peas are extremely hardy, and will endure a great deal of cold either in or above the ground. By sowing as early as the ground can be worked and making repeated plantings at intervals of two weeks, peas of excellent quality may be had far into the summer. Sow in drills two or three inches deep and from three to four feet apart, narrow for the dwarf and wide for the tall growing sorts. Dwarf growing peas require very rich soil and no support; tall growing varieties should be trained to wire trellises or supported by brush. If the soil is rich they will run too much to stalks. Wrinkled peas (marked \*) contain a greater amount of saccharine matter than the smooth sorts.

Figures preceding description of varieties indicate height in inches.

Price for packet, pint or quart, includes postage. When sold over our counter or if forwarded by mail or express at buyer's expense. 8 cents per pint, 15 cents per quart may be deducted from our prices.

### BARNARD'S "LEADER."

#### The Earliest of the Earlies.

The records of another season have again shown that all the claims we made in former years for this very superior pea have been conclusively demonstrated.

It is the best variety for market gardeners to plant, and for home use we have yet to find a better. Grows about 30 inches high. Vines vigorous, extremely prolific, the pods being numerous and well filled with peas of good size and delicious flavor. A further good quality is that of ripening with great uniformity so that the vines can be stripped at one picking.

We have sold this pea in past seasons very extensively, and all who have grown it give it the highest praise. Try it this year. Pkt., 5c; pt., 20c; qt., 35c; pk., 90c, bu., \$3.50.

## Parsnip.

PASTINAKE, Ger. PANAIS, Fr.  
1 ounce will sow about 150 feet of drill.

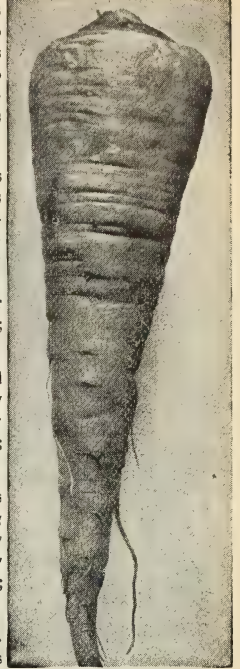
Cultivate as for Carrots. It is customary to leave Parsnips in the ground over winter as frost improves the quality of the roots. The Parsnip is valuable not only as a table vegetable but for stock feeding purposes also.

**MAGNUM BONUM.** It gives the utmost satisfaction and yields the most money to the market gardener because of its decidedly handsome appearance, smooth, heavy roots, which are broad at the shoulder, fine grained and of superior quality. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 55c.

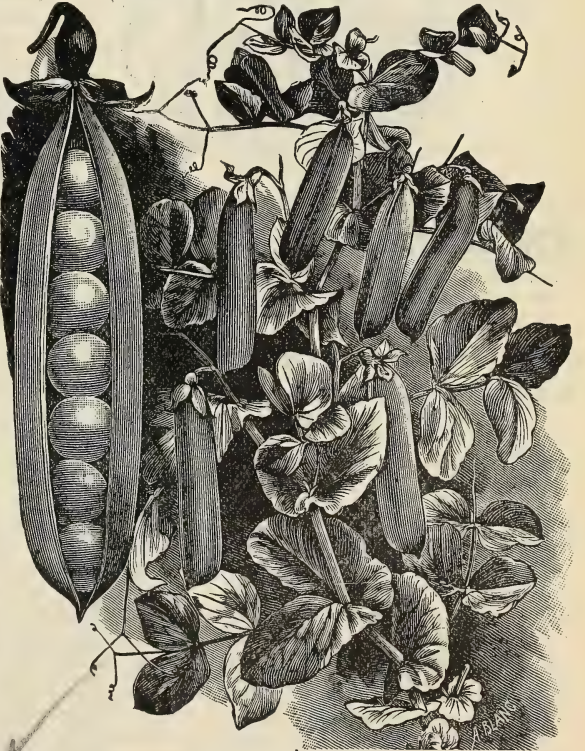
**HOLLOW CROWN.** An old standard sort, long, sweet, and very productive. One of the best for general cultivation. Packet, 3c; oz., 5c; ¼ lb., 15c; lb., 40c.

**IMPROVED GUERNEY.** This is a good, half-long variety, having smooth roots. It is of good quality and recommended for the family garden. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 45c.

**EARLY ROUND.** The earliest. Roots are of small size. Sometimes used for bunching with pot herbs. For shallow soils use this sort. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb. 50c.



MAGNUM BONUM  
PARSNIP.



BARNARD'S LEADER.

**ALASKA.** 24 in. A desirable, very early pea for market gardeners. Pods dark green, peas blue. Can be shipped long distances without losing its color. Packet, 5c; pt., 20c; qt., 35c; pk., 85c; bu., \$3.25.



# PEAS.—Continued.

Figures preceding description of varieties indicate height in inches.

Prices for packet, pint or quart include postage. When purchased over our counters or if forwarded by mail or express at buyer's expense, 8 cents per pint or 15 cents per quart may be deducted from our prices.

## THREE BEST PEAS FOR TABLE USE.

They may all be planted at the same time and will be ready for use in succession and furnish an abundance of delicious Peas all summer.

\***NOTT'S EXCELSIOR.** 15 in. The earliest and best dwarf wrinkled pea. Fast taking the place of American Wonder. It is fully as early, while the pods are larger, more of them and better filled. The Peas are tender and of most delicious flavor when cooked. Pkt., 5c; pt., 20c; qt., 35c; peck 90c; bu., \$3.50.

\***HEROINE.** 30 in. The quality of this pea is simply perfection. That rich, buttery, marrow-like flavor for which the peas grown in the gardens of old England are celebrated. Pods are large, pointed and heavy, deep green in color, and contain from seven to eight Peas. Pkt., 5c; pt., 20c; qt., 35c; pk., 90c; bu., \$3.50.

\***DUKE OF ALBANY.** 50 in. Along with a number of other new Peas, this was tested on our home grounds. It is a strong grower, foliage somewhat coarse. Matures late, about the same time as Telephone. Pods are long, large, thick, dark green in color. The peas remained in good eating condition some days after ripening. We consider this an excellent pea. Pkt., 5c; pt., 20c; qt., 35c; pk., 90c; bu., \$3.50.

**SPECIAL OFFER:** One pint of each of the three Peas described above for 50c postpaid. One quart each of the three Peas described above for 90c postpaid. You should try them. They will not disappoint you.

\***SHROPSHIRE HERO.** 36 in. Market gardeners who tried this new pea last season give it unstinted praise. The pods are larger and better filled than Telephone and others of its class; averages seven and often contains 9 or 10 peas of delightful flavor. Pkt., 5c; pt., 20c; qt., 35c; pk., 90c; bu. \$3.50

THE ADMIRAL.

\***The Admiral.** 36 in. For second early market or family use we highly recommend this. Pods in pairs, thick, short, usually carrying six or more peas of best quality. Pkt., 5c; pt., 20c; qt., 35c; pk., 70c; bu., \$2.50.

## EXTRA EARLY VARIETIES.

\***RURAL NEW YORKER.** 30 inches. An excellent very early Pea. Pods of fine shape, containing from six to nine peas of fine quality. Pkt., 5c; pt., 20c; qt., 35c; pk., 90c; bu., \$3.50.

\***BLUE PETER.** 12 in. Sometimes called Blue Tom Thumb. A great producer; fine quality. Quite early and dwarf. Pkt., 5c; pt., 20c; qt., 35c; pk., 90c; bu., \$3.50.

\***PREMIUM GEM.** 15 in. This is an extra early dwarf sort, an improvement on Little Gem. Pods long, dark green. Pkt., 5c; pt., 20c; qt., 35c; pk., 80c; bu., \$3.00.

\***MCLEAN'S LITTLE GEM.** 18 in. A few days later than First and Best. Matures in eight weeks. When in a green state the peas are sweet and delicious. Pkt., 5c; pt., 20c; qt., 35c; pk., 80c; bu., \$3.00.

\***AMERICAN WONDER.** 12 in. For many years deemed the earliest wrinkled pea in cultivation. Newer, improved varieties have taken from it this honor. In flavor, quality and productiveness it has not been surpassed. Pkt., 5c; pt., 20c; qt., 35c; pk., 80c; bu., \$3.00.

\***PHILADELPHIA EXTRA EARLY.** An extra early sort that is ready for the table in 45 days. A favorite market pea. Peas smooth and of excellent quality. Pkt., 5c; pt., 20c; qt., 30; pk., 80c; bu., \$3.00.



\***FIRST AND BEST.** 30 in. An extremely early Pea; a stocky and vigorous grower. Each vine bears from three to five pods which mature well together. Pkt., 5c; pt., 20c; qt., 30c; pk., 75c; bu., \$2.75.



# PEAS—For General Crop . . . . .

**HORSFORD'S MARKET GARDEN.** 24 in. An enormous yielder, the pods literally packed with peas. Requires no bushing. Packet, 5c; pt., 20c; qt., 35c; pk., 85c; bu., \$3.25.

**\*MCLEAN'S ADVANCER.** 30 in. A favorite with market gardeners and for home use. Long pods, well filled. Packet, 5c; pt., 20c; qt., 35c; pk., 80c; bu., \$3.00.

**ABUNDANCE.** 18 in. Of branching habit. It is appropriately named for its yielding qualities. Comes into bearing after American Wonder. Pkt., 5c; pt., 20c; qt., 35c; pk., 80c; bu., \$3.00.

**\*EVERBEARING.** 24 in. Late. Should be sown thin. Makes long pods and large peas. Pkt., 5c; pint, 20c; qt., 35c; pk., 85c; bu., \$3.00.

**QUEEN.** 30 in. A grand pea introduced a year or two ago from England. It follows Heroine in its bearing season. Pods quite large; peas oval, dark green and of a delicious flavor when cooked. Packet, 5c; pt., 20c; qt., 40c; pk., \$1.15; bu., \$4.25.

**ROYAL DWARF WHITE MARROWFAT.** 24 in. A large, delicious marrow pea; an excellent bearer and a favorite with market gardeners. Packet, 5c; pt., 20c; qt., 30c; pk., 60c; bu., \$2.00.

**\*PRIDE OF THE MARKET.** 24 in. Most wonderfully productive and extensively planted by market gardeners. Pods long, generally in pairs, dark green; peas round, blue, and of fine flavor. Pkt., 5c; pint., 20c; qt., 35c; pk., \$1.00; bu., \$3.75.

**\*CHAMPION OF ENGLAND.** 55 in. Generally conceded to be the best late tall pea. It is a profuse bearer and the peas are of excellent quality. Adapted to the requirements of both amateur and professional gardeners. Pkt., 5c; pt., 20c; qt., 35c; pk., 75c; bu., \$2.75.



## IMPROVED STRATAGEM.

FOR a main crop, wrinkled pea it is difficult to find a better one than this. A **grand market gardener's Pea**. This strain is a great improvement on the old Stratagem. The pods are of immense size and uniformly filled with very large dark green peas of the finest quality. Vines in height about 24 inches, very stocky, with very broad, light green leaves, and bearing an abundance of large, handsome pods. The best pea now on the market for those who want large, showy pods and peas of the best quality. Packet, 5c; pt., 20c; qt., 40c; pk., \$1.00; bu., \$3.75.

## Telephone.

48 in. No pea of recent introduction has gained more steadily in popularity than this. Leaves coarse; vines extremely vigorous, carrying ten or a dozen pods each. Pods very large, well filled with peas of delicious flavor. We offer carefully selected stock. Pkt., 5c; pt., 20c; qt., 35c; pk., \$1.00; bu., \$4.00.

**LONG ISLAND PATIMOTH.** 42 in. Earlier than Champion of England; an excellent cropper. Pods large size and well filled with green peas of excellent quality. Popular with eastern truckers and market gardeners. Pkt., 5c; pt., 20c; qt., 35c; pk., \$1.00; bu., \$3.75.

**LARGE BLACK-EYED NARROW-FAT.** 60 in. This, like the preceding, is extensively grown as a field crop. Pkt., 5c; pt., 20c; qt., 30c; pk., 60c; bu., \$2.00.

## THREE NEW PEAS.

### GRADUS.

### ELECTRIC,

Of a new family of Extra Early Wrinkled Peas.

### DWARF TELEPHONE,

Unsurpassed for family gardens. See novelty pages for descriptions.

## EDIBLE PODDED PEAS.

**DWARF SUGAR.** Pods tender and succulent, in flavor equal to the best string beans. They are gathered while young, not shelled, but boiled whole. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.40; bu., \$5.00.

## PEPPER.

PFEFFER, Ger.  
PIMENT, Fr.

1 oz. seed to 1500 plants.

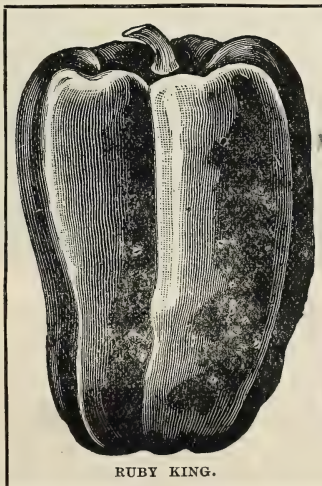
Peppers are more tender than most vegetables. The seed should be sown in a hot-bed, cold frame or if no other convenience, a box in the window and transplanted about the last of May. They can be sown in the open ground when the weather becomes warm and settled. Warm, mellow soil, well fertilized, should be used.

**GOLDEN DAWN.** Resembles Bull Nose in shape. Color is a beautiful yellow, making a handsome appearance both in growth and on the table. Mild and sweet. Pkt., 5c; oz., 20c; ¼ lb., 55c; lb., \$2.00.

**CHERRY RED.** A small, smooth, round variety of dwarf growth. Fruit at maturity glossy scarlet. Packet, 5c; oz., 25c; ¼ lb., 70c; lb., \$2.50.

## FIELD PEAS.

Used for making soups, feeding of stock, etc. We keep on hand **Canada Field, Golden Vine, Common Blue**, and will quote prices for larger quantities than here named, on application. Pkt., 5c; pt., 15c; qt., 25c, postpaid.



RUBY KING.

**SWEET MOUNTAIN.** Fruit very large, long, often eight inches or more in length, skin smooth, green when young and rich at maturity. Flesh thick, sweet and mild. This sort is much in use to stuff for mangoes. Pkt., 5c; oz., 20c; ¼ lb., 55c; lb., \$2.00.

**LARGE BELL or BULL NOSE.** Much esteemed for making chopped pickles. One of the earliest varieties. Flesh thick and hard, and not so pungent as some others. Pkt., 5c; oz., 20c; ¼ lb., 55c; lb., \$2.00.

**RUBY KING.** The mildest pepper in our list. Grows from four to six inches in length by three to four inches in diameter. Color, bright and ruby red. Good for stuffed pickles. Pkt., 5c; oz., 20c; ¼ lb., 55c; lb., \$2.00.


**CAYENNE.** Used for pickles and making pepper sauce. Pods cone-shaped, small, red, very pungent. Packet, 5c; oz., 20c; ¼ lb., 55c; lb., \$2.00.



# POTATOES FOR SEED.

A CHANGE OF SEED  
ALWAYS PAYS.

*In drills 3 ft. apart, 10 to 12 bushels to the acre. 1 peck will plant about 125 hills.*

 OUR seed potatoes for this season are some of the finest tubers ever produced. They are "Northern Grown" by expert cultivators, and have been selected for quality with the greatest care. The tubers are large, smooth and free from disease. Our revised list contains the cream only. Inferior sorts are eliminated. *At prices quoted potatoes are forwarded by express or freight as directed. We make no charge for sacks or barrels, nor for cartage to depots. The purchaser pays transportation charges and assumes risk of heating or freezing. Freight on one bushel will be no more than on one peck.*

*Small quantities by mail or express prepaid, unless otherwise noted,.....lb., 25c.; 3 lbs., 60c.*

## Extra Early Acme.

It is believed to be a cross between Early Rose and Early Ohio. The strong claim is made for the Acme that it is **fully one week in advance of any other potato in existence.** Very early potatoes are usually shy yielders, the Acme is *most productive.* Tubers handsome in appearance, skin flesh-color, flesh white. *"Fit to eat in five weeks and fully matured in nine weeks from planting."* ½ pk., 30c.; pk., 50c.; bu., \$1.25; bbl., \$3.00.

## Extra Early Ohio.

STANDARD extra early Potato, maturing two weeks ahead of the Early Rose. A special favorite with marketmen and the most profitable sort they can grow. It gives satisfaction in all parts of the country. The tubers are much smoother and of better shape than the Early Ohio. They are smooth, free from scab, and grow compactly in the hill, are easily dug; very few small ones, almost every one being of marketable size.

Pk., 35c.; bu., \$1.00; bbl., \$2.75.

## Thoroughbred.

Earlier than Early Ohio.

TWO years ago this splendid potato was sent out at the high price of \$25.00 per barrel. It proved such a winner that there never has been stock sufficient to supply the demand until this season. The claims made for it are *"as great a cropper as Irish Daisy, as fine flavored as the Freeman, and as early or earlier than the Early Ohio."*

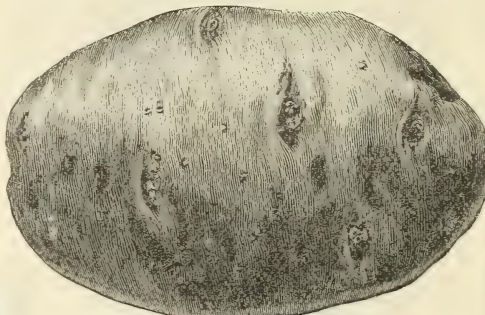
The tubers are oblong, smooth, in color, light blush or pink. They form compactly in the hills and at digging time nearly all the potatoes are of marketable size. The eating quality is "something extra." Pk., 50c.; bu., \$1.25; bbl., \$3.00.

## CARMAN NO. 1.

Originated by and named in honor of the celebrated editor of *The Rural New Yorker*, who says of this potato: "It is the finest potato I ever saw." It is a medium in season, resembles the Rural New Yorker in appearance, flesh white. Its chief characteristic is enormous productiveness; of elegant quality, dry, white, mealy. Leading potato specialists are loud in its praises. Pk., 40c.; bu., \$1.00; bbl., \$2.50.

In considering our prices please keep in mind that our barrels contain eleven pecks, or 165 lbs. of potatoes. A barrel of potatoes, unless the weight is stated, is an indefinite quantity. You may select three or more varieties in our list and we will put them up in one barrel, and mark the barrel plainly "open this end."

**LATE ORDERS.** Although we have a good stock of all Potatoes offered, it is not in exhaustible. Late in season some varieties may be sold out. *We suggest that a second choice be named on the order or permission given us to substitute. This we never do unless assured such change will be satisfactory to the buyer.*



EARLY SIX WEEKS.

**Please Notice** that our discounts do NOT apply to POTATOES, Field Corn, Grass and Clover seeds, Onion Sets, Tools and Fertilizers. For all above our prices are NET.

## Early Six Weeks.

Without exception the earliest potato in existence.

MEDIUM size, smooth, oblong; skin pink, flesh white, tubers grow close together in the hill and grow so rapidly that under favorable circumstances they are fit for family use **in six weeks from the time of planting**, and mature in ten or eleven weeks. We call this a good potato and can confidently recommend it for the market or home garden. Pk., 40c.; bu., \$1.00; bbl., \$2.75.

**EARLY ROSE, Genuine Seed.** Now is the chance to stock up with this prime favorite. It is well known for earliness and general excellence. Pk., 40c.; bu., \$1.00; bbl., \$2.75.

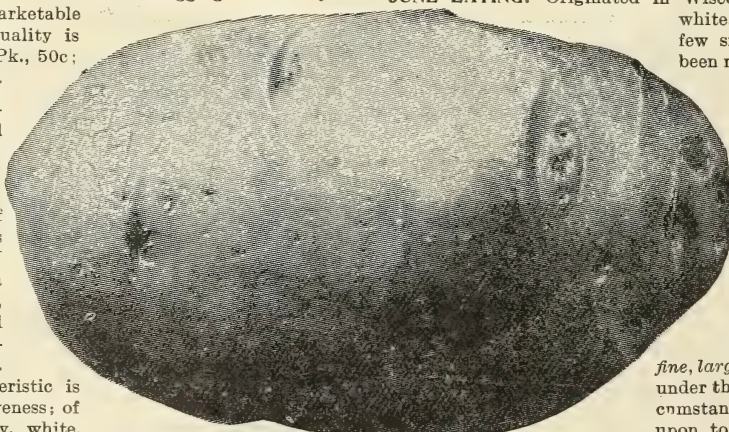
## RURAL NEW YORKER NO. 2.

Another of Mr. Carman's seedlings which has attained world-wide fame. **The best intermediate and main crop potato.** Color, both skin and flesh, white, quality unexcelled. It has very few and quite shallow eyes, is smooth and handsome in appearance. Peck, 35c.; bu., \$1.00; bbl., \$2.50.

**JUNE EATING.** Originated in Wisconsin, skin and flesh white, tubers close in the hill, few small ones. They have been ready for use as early as June 20th. The yield and quality is all that can be desired. Peck, 35c.; bu., \$1.00; bbl., \$2.75.

## CARMAN No. 3.

Doubtless the most popular late potato of the newer varieties, and certainly one of the most worthy. It yields great crops of fine, large, smooth potatoes, even under the most unfavorable circumstances, and can be relied upon to bring in money. Its form is like that of Carman No. 1, except that the tubers are not so elongated. Its good appearance, uniformity of shape, size (average one pound each) and productiveness makes this a **leading variety to grow for market.** It has but few eyes and they are very shallow. The skin and flesh are extremely white, no hollow or dark parts. Cooks up dry and mealy every time. Peck, 50c.; bu., \$1.00; bbl., \$2.75.



EARLY THOROUGHbred.



# POTATOES FOR GENERAL CROP.=Continued.

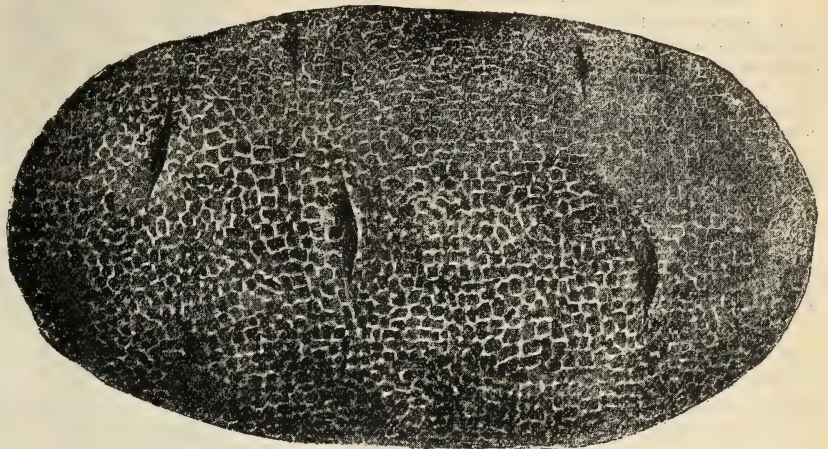
## ..Uncle Sam..

It is the  
Handsomest  
Potato grown

OUTYIELDS all others.

BOTH SHAPE and SIZE  
very uniform.

ITS COOKING QUAL-  
ITIES are its crowning  
merit; superior, white,  
floury and dry.



"UNCLE SAM."

This splendid potato was sent out by a leading eastern seedhouse which has introduced many excellent varieties at various times. It has been grown in different latitudes and from all sections most flattering reports come of its great productiveness and general excellence.

It is a medium late variety, ripening along with Rural New-Yorker No. 2. An *enormous cropper*, yielding tubers that are handsome, and of the *highest quality*, which cannot always be said of some varieties whose sole merit lies in their productiveness.

The tubers are oval with pure white russet skin. Cooked and on the table its pure, white, floury appearance attracts the attention of all. Pk., 50c; bu., \$1.50; bbl., \$3.50.

## Seed Sweet Potatoes.

Choice stock grown and handled expressly  
for seed purposes.

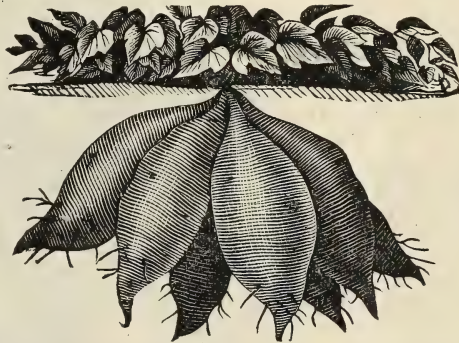
Please order early giving date you wish them shipped.  
*Unless specially ordered to do so we do not ship until planting time.*

We pack Seed Sweet Potatoes for shipment in boxes and barrels with greatest care but as Sweet Potatoes are very susceptible to climatic changes we assume no responsibility for their condition after leaving our hands.

The following are kept in stock:

YELLOW NANSEMOND, RED BERMUDA, YELLOW JERSEY.

Any of the above, packed carefully in boxes or barrels,  
Pk., 50c; bu., \$1.50; bbl., \$3.50.



## SWEET POTATO PLANTS.

We can supply these in their season in any desired quantity. For prices on these and any other vegetable plants see end of Vegetable seedlist.

For large quantities special quotations will be given on application.

## ...PUMPKIN...

KUERBIS, Ger. POTIRON, Fr.  
1 oz. to 15 hills; 4 to 6 lbs. to an acre.

JAPANESE PIE PUMPKIN. Seeds peculiarly sculptured. Ripens early. Flesh thick; salmon colored; fine grained, dry and sweet. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

CALHOUN. Color outside is yellowish-brown, flesh salmon yellow, flesh thick and of splendid quality. Pies made from it are delicious to eat. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

CONNECTICUT FIELD. Oz., 5c; ¼ lb., 10c; lb., 25c.

LARGE CHEESE. Its fine flesh and rich color make it valuable for table use. One of the best field pumpkins. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

THANKSGIVING. A new Pumpkin of distinct shape and very thick, orange colored flesh. This pumpkin grows to a large size yet the seed cavity is remarkably small. It makes first-class pies for the Thanksgiving dinner. Packet, 5c; oz., 20c; ¼ lb., 50c.

The seeds are planted with corn or potatoes, but may be profitably raised in fields by themselves. Sow early in May in hills eight feet apart. For monster Pumpkins for exhibition purposes plant Mammoth Tours in very rich ground and feed liberally with liquid manure.

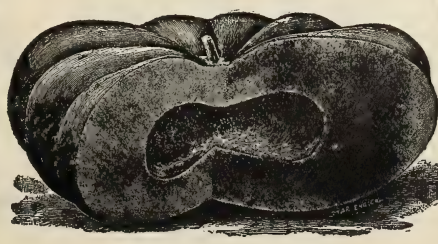
WINTER LUXURY. As a cooking variety and winter keeper it stands unequalled. It

is nearly round, 9 to 10 inches in diameter; of a golden yellow color, netted like a muskmelon. Pkt., 5c, oz., 10c; ¼ lb., 25c; lb., 75c.

TENNESSEE SWEET POTATO. Pear shaped. Color of skin and flesh creamy white; flesh thick, when cooked resembles sweet potatoes. Keeps until late in spring. This is an old favorite pumpkin. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

SUGAR. An excellent small, round Pumpkin, with deep orange colored skin, flesh sweet and sugary. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.

MAMMOTH TOURS. Grown chiefly for exhibition purposes and for stock feed. It grows to an enormous size, frequently weighing over one hundred pounds. Skin salmon color, flesh yellow; keeps a long time. Pkt., 5c; oz., 10c; ¼ lb. 30c; lb., \$1.00.



THANKSGIVING PUMPKIN.



# ..RADISH..

RETTIG, Ger.  
RADIS, Fr.

1 oz. to 100 ft. of drill; 9 or 10 lbs. per acre in drills.

The growth must be rapid to insure those qualities upon which the Radish depends for excellence, viz.: crispness, succulence and mildness of flavor. A fine, dry, sandy loam, enriched and made light with well-rotted manure and a liberal dressing of salt is best adapted for the purpose, all heavy soils producing directly the opposite results from those desired.

For an early supply sow in a hot bed in February, care being taken to give abundant ventilation to prevent running to leaves. For open air culture and succession, sow from middle of March until September at intervals of a week or ten days.

## ✓EARLY SCARLET TURNIP, White Tipped, Forcing Strain.

THIS Radish, beautiful in form and of handsome appearance, is *extremely early*, being ready for use in two or three weeks after planting. On account of its *small tops* this radish can be grown planted very closely together. Desirable for hot bed and greenhouse planting. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c.

✓EARLY SCARLET TURNIP, White Tipped. Among the Chicago gardeners this is by far the most popular early Radish, or for planting in succession. Tops and roots both small, skin bright scarlet shaded to white at the tip; flesh white, mild and crisp. An ornamental variety of quick growth, desirable for forcing. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

✓EARLY SCARLET TURNIP. A round, deep scarlet variety, desirable for general use. Flesh white, mild and crisp when young. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

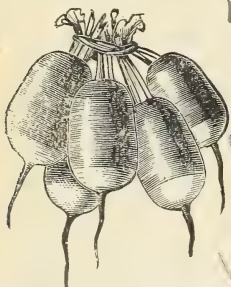
✓EARLY WHITE TURNIP. Same as above, except in color. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

✓WOOD'S EARLY FRAME. Fully ten days earlier than Long Scarlet, shape not quite so long. An excellent forcing or early market sort. Color, scarlet; fine flavor. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

✓LONG SCARLET, SHORT TOP, Improved. The standard sort for out-door culture in private gardens and for market. Root 6 to 9 inches in length, straight and smooth, growing half out of the ground. Color is brilliant scarlet. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

✓NE PLUS ULTRA. A very superior *early, forcing* Radish. It will mature in 18 to 20 days. The tops are quite small, the roots are globular with deep red skin; flesh white, crisp and tender. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c.

✓EARLY YELLOW TURNIP. A most delicious radish. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

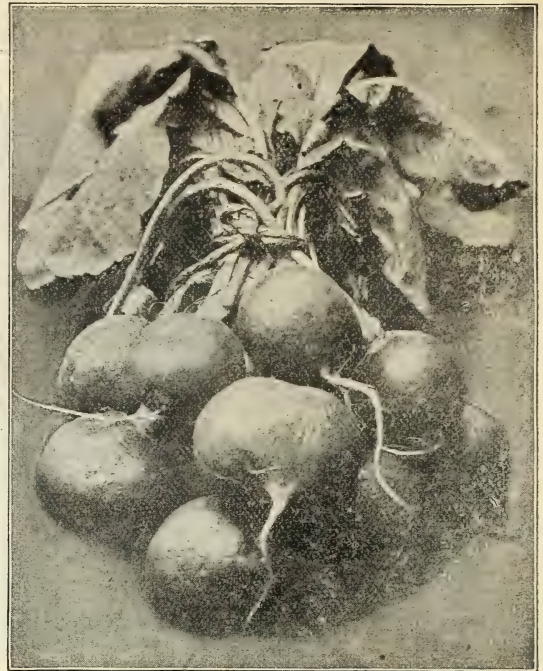


FRENCH BREAKFAST.

✓EARLIEST CARMINE OLIVE. A new, distinct and beautiful variety of great forcing value. The roots are crisp and tender, much larger than those of the turnip sorts, while the tops are far smaller. A most valuable variety for the enterprising market gardener. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c.

✓EARLY ROUND DARK RED. This new radish is one of the *quickest growing* and *handsomest extra early* varieties in cultivation. Its richness of the color of skin, crispness, and oval shape makes it one of the most attractive. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

✓FRENCH BREAKFAST. Skin scarlet on the body and white at the extremity; flesh white, tender and mild. Of rapid growth. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

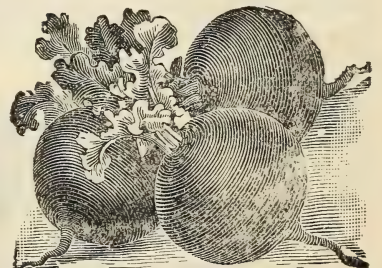


EARLY SCARLET GLOBE.

## ✓EARLY SCARLET GLOBE. Market Gardeners' Improved Strain.

WE illustrate a bunch of Scarlet Globe Radishes (made from a photograph) raised by one of our local gardeners. This Radish forms large, handsome, bright scarlet roots. For forcing under glass in the greenhouse, hot-beds or cold frames there is no better paying variety than this, and it sells better than most others. In flavor it is mild, crisp, juicy and tender. It makes a small top and will stand a great amount of heat without becoming pithy. Sown in the open ground in early spring it will produce radishes 5 or 6 days ahead of all others. Pkt., 3c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c.

✓ROSY GEM. It is one of the very earliest in cultivation; globular, with rich, deep scarlet top, blending into pure white at the bottom. Exceedingly tender, crisp and delicious, very desirable for forcing, being fit to pull in three weeks from sowing. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.



EARLY ROUND DARK RED.

NE PLUS ULTRA.



## RADISH—Continued.

**PHILADELPHIA WHITE BOX.** A white turnip-shaped radish of extra fine quality. Its short top and rapid growth make it most suitable for growing under glass, in frames or boxes, as well as for early sowing in the open ground. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**BRIGHTEST LONG SCARLET, or Cardinal.** This fine French variety is of strikingly beautiful appearance. Color, vivid scarlet tipped with white, and for so long a radish is *very early*, being fit for use in twenty-five days after sowing the seed. Excellent for the home garden and especially desirable for market. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**IMPROVED CHARTIER.** A long and unusually large American sort, which is one of the very best for outdoor sowing. Roots bright crimson in upper portion, shading into white at the tip. Comes in quite early, remaining crisp and mild much longer than many others. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**LONG WHITE VIENNA, or Lady Finger.** Straight, smooth, white roots; fine grained, white flesh; tender, crisp and juicy. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

**GIANT WHITE STUTTGART.** Root very large, heart-shaped, and of vigorous, quick growth, maturing in five weeks; skin and flesh white, the latter constantly brittle and mild flavored at all stages of development. Remarkably slow in running to seed, even in severest heat. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

**WHITE STRASBURG.** This variety is now the most popular summer radish grown. Of handsome oblong shape, tapering beautifully to a point. Both skin and flesh are pure white, almost transparent, very tender, and of a delightful, pungent taste. It can be pulled five weeks from time of sowing the seed, yet it will continue to grow without losing its fine quality, and remains in a tender condition longer than any other summer sort. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

## ...RHUBARB...

A deep, rich soil is most suitable for Rhubarb. It is usually propagated from divisions of the roots. Seed may be sown in drills an inch deep, the young plants being afterwards thinned out to six inches apart. In fall, reset the young plants into highly manured, deeply dug soil. Do not cut the leaf stalks until the second year, and never allow the plants to run to seed.

**VICTORIA.** Leaf stalks very tall and large, frequently weighing 2 pounds each. Skin thick and red-stained. Pulp quite acid. Very productive and profitable for market gardeners. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

**LINNÆUS.** The earliest variety grown, and quite desirable for small market or family garden. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

### RHUBARB ROOTS.

Set out in spring they will furnish leaf stalks the following season. We offer the largest variety only. *Small roots*, each 10c; doz., \$1.00, by mail postpaid. *Extra large clumps* by express or freight, each 15c; doz., \$1.50, not prepaid.

**YELLOW SUMMER TURNIP.** Very symmetrical and uniform; nearly round, with grayish-white skin, covered with a bright yellow russeting, which makes it very attractive. The flesh is compact, white and rather pungent. Quite popular with some growers. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**ROSE, OLIVE SHAPED.** Skin rose-colored; flesh rose-tinted, tender and of excellent flavor. Very early. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**WHITE, OLIVE SHAPED.** Similar to above, except in color, as the name indicates. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

## Winter Radishes.

Sow about the same time as winter turnips, on light, rich soil, in drills eighteen inches apart; give frequent cultivation, and thin two to six inches apart, according to size of the variety. For winter use pull before severe frost, and store in damp sand in cellar.

**CHINESE WHITE.** A long, white radish, introduced into this country by the Chinese in California. Flesh tender and crisp. Keeps well throughout the winter. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**CHINESE ROSE.** Skin very smooth and of a bright rose color. Flesh firm, crisp and pungent. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**LONG BLACK SPANISH.** Black skin. Flesh white, firm and of excellent flavor. One of the hardest and finest either for winter or summer use. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**ROUND BLACK SPANISH.** Similar to above except in form. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

## SUNFLOWER, Mammoth Russian.

### The Giant of all Sunflowers.

Growing to double the size of the common sunflower, and the yield of seed is twice as great. One hundred and twenty-five bushels to the acre have been grown at less expense than corn. Highly recommended for poultry; the best egg-producing food known. Lb., 20c, postpaid; not prepaid, 5 lbs., 50c; 10 lbs. 80c.

## ...SALSIFY...

### or VEGETABLE OYSTER.

HAERWURZEL, Ger. SALSIFIS, Fr.  
1 oz. for 100 ft. of drill.

Cultivated chiefly for its parsnip-shaped roots, which have an oyster-like flavor and prove relishable prepared in various ways, as for soups, salads, etc., or simply boiled and served plain. The young flower stalks of the second year form an excellent dish prepared as asparagus, which they closely resemble in flavor.

Soil and culture should be the same as for Parsnips, taking pains to make sowings as early as practicable each spring.

**MAMMOTH SANDWICH ISLAND.** A new and improved type, producing roots of nearly double the size and weight of the old variety, and of equally good quality. It has been extensively grown for the markets of many of the large cities, entirely superseding the old sort. Packet, 5c; oz., 10c; ¼ lb., 30c; lb., \$1.10.





# SPINACH.

SPINAT, Ger.  
EPINARD, Fr.

This is an important crop for the market gardener. It is of easy cultivation.

1 oz. for 100 feet of drill.  
10 to 12 lbs. in drills per acre.

Sow for main crop in September, either broadcast or in drills one foot apart and one inch deep, in rich soil; the stronger the ground the more delicate and succulent will be the leaves. Protect during the winter with hay or straw. For spring and summer use, sow as soon as the ground can be worked, and every two weeks for succession. Makes delicious greens.

Write for special prices on large quantities.

**BLOOMSDALE or Savoy Leaved.** Of upright growth; leaves curled and crimped, thick and fleshy. Keeps well after cutting. Suitable for fall sowing. Oz., 5c;  $\frac{1}{4}$  lb., 10c; lb., 25c.

**LONG STANDING.** Leaves dark green and thick. Not inclined to run to seed for a long time. Very popular with market gardeners. Oz., 5c;  $\frac{1}{4}$  lb., 10c; lb., 30c.

**THICK LEAVED ROUND.** One of the best market sorts for spring or autumn sowing. Oz., 5c;  $\frac{1}{4}$  lb., 10c; lb., 25c.

# SQUASH.

SPEISE KURBIS, Ger. COWEGE, Fr.  
1 oz. for 50 hills, 4 to 6 lbs. per acre.

**GOLDEN CUSTARD.** Grows frequently two feet in diameter, larger than any of the scalloped sorts. Rich golden yellow. It grows in bush form. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**SILVER CUSTARD.** Not quite so large as the foregoing. It is a delicate white color, and the quality of both sorts is of finest grade. Packet, 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**WHITE BUSH, Scalloped.** This and the Yellow Bush, scalloped, are grown for first crop. Its hard rind makes it valuable for shipping. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**YELLOW BUSH, Scalloped.** Differs from the white only in color. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**Chicago Warty Hubbard Squash.** This fine form of the Hubbard is a favorite one with many market men. It is striking in appearance and the warty knobs draw general attention. Having been selected for years by a Chicago gardener, it now combines all the good points of the original Hubbard, with rougher, harder warty shell, improved quality, thick flesh, finer color, stronger constitution. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 85c.

**WHITE BUSH SQUASH.**

handsome appearance, and keeps a long time. In great demand by Chicago pie bakers, who prefer it to all others. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**SIBLEY.** One of the earliest and best of fall squashes. Pear shaped with stem on large end; flesh orange color, thick and fine grained. An excellent shipper and a long keeper. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**BOSTON MARROW.** Oval form. Flesh, salmon yellow, dry grained and sweet. A splendid pie and table squash. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**ESSEX HYBRID.** *Ripens early.* Cylinder form. Flesh solid, rich, orange colored. Can be planted after early peas or potatoes. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**HUBBARD.** Regarded as the standard winter squash. Very hard shell; excellent keeper, the best for table use. Flesh dark yellow, fine grained, dry and sweet. Our seed is most carefully selected and will give satisfaction. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c.

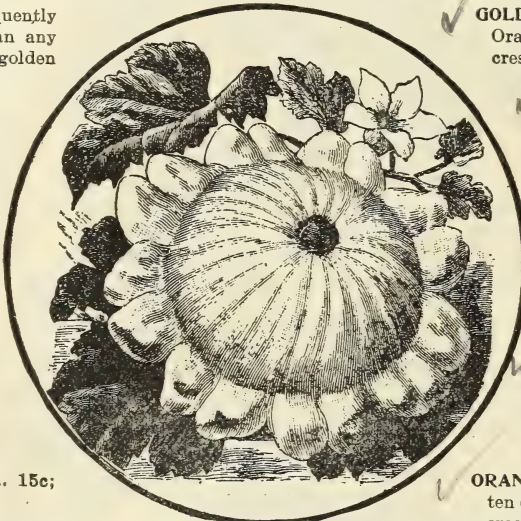
**GOLDEN HUBBARD.** Identical in form and quality with the well known Hubbard, except that the skin is a beautiful deep orange-yellow. Flesh fine grained and of excellent flavor. Packet, 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.



LONG STANDING SPINACH.

**PRICKLY WINTER.** Use for fall sowing as it is extremely hardy. Seeds prickly, leaves not so large as those of other varieties. Oz., 5c;  $\frac{1}{4}$  lb., 10c; lb., 30c.

**VICTORIA.** Matures later than other sorts. Leaves broad and thick, very dark green, almost black. Whether grown for market or in the family garden it is sure to please. Oz., 5c;  $\frac{1}{4}$  lb., 15c; lb., 40c.



**GOLDEN SUMMER CROOKNECK.**

Orange yellow covered with warty excrescences. Packet, 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**GIANT SUMMER CROOKNECK.**

In this we have the buttery flavor of the original sort, but the squashes are twice the size. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c.

**PERFECT GEM.** Nearly round; skin, creamy white; flesh, fine grained. Bears great number of small squashes. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**FORD HOOK.** Small, pear shaped or oblong; flesh thick, straw-colored. Very early. In cool room will keep until June. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**ORANGE MARROW.** The earliest by ten days of the winter squashes. It is creamy orange in color; fine form, handsome appearance, and keeps a long time. In great demand by Chicago pie bakers, who prefer it to all others. Pkt., 3c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 50c.



CHICAGO  
WARTY  
HUBBARD  
SQUASH.



# TOMATO.

LIEBESAPFEL, Ger.

TOMATE. Fr.

1 oz. to 1500 plants;  $\frac{1}{4}$  lb. to transplant per acre.

It thrives best in light, warm soil, not too highly enriched, and depends for highest excellence upon vigorous, unchecked growth in the early stages.

**CULTURE.** For early crops sow in hotbed, greenhouse, or inside the window or sitting room, where the temperature does not fall below 65 degrees, in February or March; transplanting—to secure stockiness—when three inches high, to pots, cold frames, or other parts of the bed, and about five inches apart. After all danger of frost is over, transplant finally to open ground, 4 to 6 feet apart, according to variety used. Earliness may be promoted by pruning off excessive growth.

## Fordhook First.

A smooth, solid Tomato, red and purple, of handsome appearance. It is *extremely early*, ready to market nearly as soon as the old-time, unshapely fruited sorts. Medium size, tough skin, almost no core. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.

**ACME. Improved Strain.** Ripens early; of medium, uniform size; glossy red with purplish tinge; round and smooth, free from cracks. An excellent Tomato for market gardeners' use, as it ships well. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

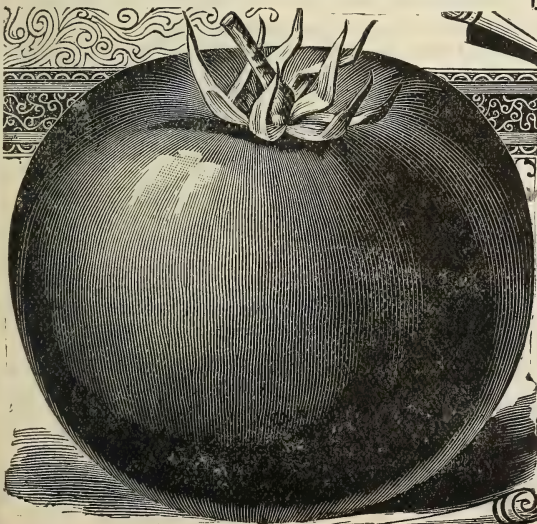
**IMPROVED BEAUTY.** A favorite both for the home market or shipping purposes. Medium early. Fruit round, smooth, crimson, with purplish tinge. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**BUCKEYE STATE.** The tomatoes are borne in immense clusters of four to eight fruits, and, occasionally, ten large fruits have been found on a single cluster. In time of ripening, it matures about with the "Stone." In solidity and meatiness, it has no equal, while in luscious quality none surpass it. The color is much the same as "Beauty," but of a somewhat darker and richer shade. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**ROYAL RED.** Very bright scarlet. Valuable for canners. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

**DWARF CHAMPION.** Dwarf and compact in growth, the plants grow stiff and upright, with foliage unlike most others. Fruit in form and color like Acme. Recommended for the home garden. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

**GOLDEN QUEEN.** A real good yellow sort of *first rate quality*. On the table the golden yellow slices make a beautiful contrast with the red sorts. Makes splendid preserves. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.



BEAUTY TOMATO.



## ATLANTIC PRIZE.

We do not hesitate to pronounce it the largest, smoothest, best flavored and brightest colored *earliest* Tomato. Vine medium size, with few leaves, very hardy bearing the fruit low down on the stem and in enormous clusters, which ripen *altogether*. Those whose trade demands that they have a large, smooth, good flavored, *very early fruit*, will find this variety to be just what they want. The seed we offer is carefully selected. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

## CRIMSON CUSHION.

This splendid new Tomato is more symmetrical in shape than the Ponderosa, and is much thicker through from stem to "blossom end;" in fact, so marked is this characteristic that it is frequently almost round. The color is brilliant scarlet crimson, untinged with purple, and ripens up almost completely to the stem. The "Crimson Cushion," like the Ponderosa, is almost seedless, requiring from 10 to 12 bushels of ripe fruit to produce one pound of seed. It is early for so large a Tomato and a prolific bearer. Flesh firm, meaty and of a superb quality. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50.

## PARAGON.

The first improved Tomato introduced and today there are many gardeners, canners and catsup makers who give this variety preference over all others. Ripens between the early and late sorts; fruit round as an apple, rich crimson, solid; an immense cropper. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

**PERFECTION.** An improved Acme, with *blood red* skin, making it a valuable canning sort. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

**PONDEROSA or No. 400.** Handsome in appearance, smooth, of a dark, rich crimson color, and a delicious sub-acid flavor. Solid, almost seedless. Fruits somewhat rough; excellent for stewing. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 70c; lb., \$2.75.

**STONE.** One of the extra large fruited sorts, solid and firm-fleshed as its name indicates. Smooth, ripening to the stem without a crack; color, bright scarlet, fine for canning; quality, the very best. It is popular everywhere; no one finds any fault with Stone. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**TREE TOMATO.** So called from growing in tree like form and bearing large, plump red fruit that is extremely solid, hard and of excellent quality. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$3.00.

## SMALL-FRUITED TOMATOES.

**Yellow Plum, Red Currant and Red Cherry.** Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.25.



RED CURRANT.



# TURNIP.

WEISSE RUEBEN, Ger. NAVET, Fr.

1 oz. for 150 ft. of drill; 1 to 2 lbs. in drills per acre.

½ inch deep, and when of sufficient size thin the roots to 5 or 6 inches distant. For succession, sow at intervals of a fortnight. Sow if possible just before a rain.



WHITE FLAT DUTCH.

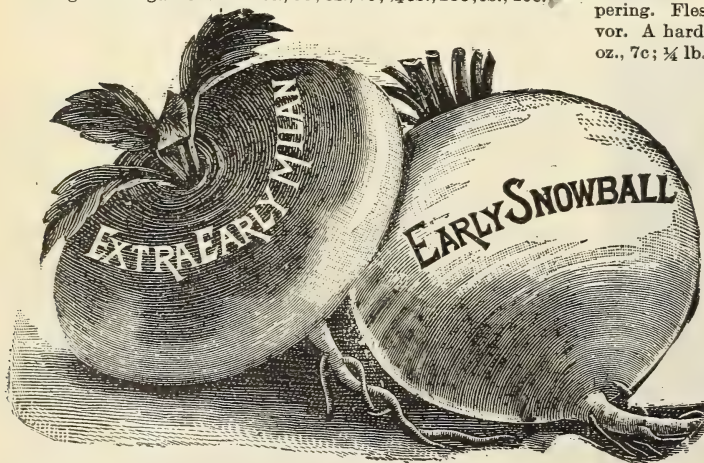
**EXTRA EARLY PURPLE TOP MILAN.** A splendid new strap-leaved variety that is ready for use fully two weeks earlier than the Purple Top Strap-leaved, and one week ahead of the Purple Top Munich. The bulb is of medium size, quite flat, smooth and has a bright, fresh purple top. The flesh is pure white, solid, fine-grained and of the choicest quality. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.

**PRIZE PURPLE TOP STRAP LEAF.** Tops small, bulb mostly above ground, of medium size and flat. Skin white below the surface and clear, bright purple above. Flesh white, sugary and remarkably well flavored. Very early, hardy and prolific. The leading standard, purely American variety. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 40c.

**WHITE STRAP LEAF.** A sub variety of the Purple Top Strap Leaf, from which it differs mainly in the coloring of the skin. Early, productive, of excellent quality and recommended for either field or garden culture. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 45c.

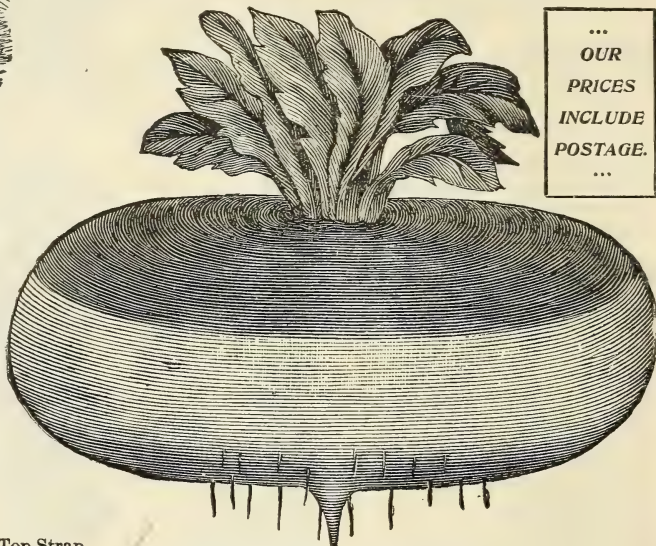
**POMERANIAN WHITE GLOBE.** A large and most perfect globe in shape; skin white and smooth. Of strong growth and one of the most productive varieties. Valuable for both table and stock. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

**PURPLE TOP WHITE GLOBE.** The name of this most excellent variety affords for it a very accurate description. It is an early and a heavy cropper as well as a good keeper. The bulb is a very handsome globe, and is especially in demand among market gardeners. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 40c.



**TURNIPS, MANGELS and CARROTS are much relished by all farm stock.**

**WHITE EGG.** Tops small and rough-leaved. Bulb oblong and produced mostly out of ground. Skin pure white and perfectly smooth. Flesh firm, sweet and mild. Pkt. 3c; oz., 7c; ¼ lb., 15c; lb., 50c.



PRIZE PURPLE TOP STRAP LEAF.

**EARLY WHITE FLAT DUTCH.** Bulb of medium size and flat. Skin pure white. One of the surest croppers of the early garden sorts. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 45c.

**WHITE SIX WEEKS OR SNOWBALL.** Bulb of medium size and spherical. Skin white and smooth. Immature flesh, fine-grained, tender and sweet. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**WHITE FLAT NORFOLK.** Bulb round, flat. Flesh white, sweet and excellent for stock feeding. A late variety, often attaining extraordinary size. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 40c.

**PURPLE TOP YELLOW ABERDEEN.** Root round and tapering. Flesh pale yellow, tender, sugary and of superior flavor. A hardy and productive standard variety. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 45c.

## RUTA BAGA.

KOHLRABI, Ger.

CHOU NAVET, Fr.

The Swedes are really preferable for stock feeding, on account of their superior nutritive as well as better keeping qualities. Some of the finest are desirable and popular for table use also. The ground should be dry and thoroughly enriched. The sowing at the North may be made from the middle of June to the middle of July; at the South in the fall. Space the drills 20 inches apart, and thin 10 to 12 inches distant. For preservation the roots may be packed in barrels in the cellar and covered with sand or turf, or placed in dry pits, underneath a thick coating of dry straw, the whole earthed over to a depth of some 10 in.

...  
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PRICES  
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POSTAGE.  
...





WHITE SWEET RUSSIAN.

mate of the Middle and Northern States, being comparatively hardy. Pkt., 5c; oz., 20c; ¼ lb., 60c.

**IMPORTED HAVANA.** Best of all for the manufacture of cigars, but inclined to deteriorate; hence the necessity of renewing the seed each year. Ours is a superior strain of Cuban grown stocks. Pkt., 5c; oz., 20c; ¼ lb., 60c.

## TURNIP, *Ruta Baga* or Swede.

**AMERICAN PURPLE TOP.** Tops very small. Bulbs large, having few, if any, roots. Skin deep purple above, bright yellow underneath. Flesh golden yellow, of fine texture, sweet and of richest flavor. Very hardy, unusually productive, and a good keeper; the principal variety being desirable for table use and stock feeding. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 40c.

**SKIRVING'S PURPLE TOP.** Flesh yellow, solid and sweet. A good keeper, Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 40c.

**LAING'S IMPROVED PURPLE TOP.** Leaves cabbage-like and large. Bulb nearly round. Skin smooth, yellow below and purple above. Flesh yellow, solid and of fine flavor. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 40c.

**WHITE SWEET RUSSIAN.** Bulb enormous. Flesh white, solid and rich in sugar. The best keeper of all the Swedes, and deservedly popular for both table and stock. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 40c.

## TOBACCO.

TABACK, Ger. TABACO, Sp. TABAC, Fr.

Rich, sandy loam produces the best quality of leaf; heavy, new soils and green manures producing coarse leaf, which burns badly. Wood ashes and commercial potash fertilizers are the best for tobacco. The seed bed must be very light; it is well to burn a brush heap upon it some months before seeding.

**PRINUS.** The very earliest variety grown and one that succeeds well in Canada and the far North, where few kinds will ripen. Entirely new, choice, very productive. Leaves large, fibers fine, and texture silky. Packet, 5c; oz., 20c; ¼ lb., 60c.

**CONNECTICUT SEED LEAF.** Perhaps the variety best adapted to the climate of the Middle and Northern States, being comparatively hardy. Pkt., 5c; oz., 20c; ¼ lb., 60c.

## ...Transplanted Vegetable Plants...

THESE plants are grown from seed supplied by us, thus insuring genuineness of all the plants we offer. They are grown especially for our shipping trade and our method of packing is unexcelled. Our experience and knowledge enables us to ship in the right condition and at the right time, well packed and at short notice. Such knowledge is valuable to every buyer who can ill afford to take any risk of delay or of receiving poor plants in poor condition, when the season demands prompt work. **PRICES DO NOT INCLUDE PREPAYMENT BY MAIL.** If wanted by mail add 6 cts. per doz.; 12 cts. for 50; 20 cts. for 100.



	Doz.	50.	100.	1,000
CABBAGE. Early varieties, once transplanted. Ready April 1st		\$0.40	\$0.75	\$4.50
CABBAGE. Late varieties. Ready June 1st		.20	.30	1.75
CAULIFLOWER. Early varieties, once transplanted. Ready April 1st		.75	1.25	7.50
CAULIFLOWER. Late varieties. Ready June 20th		.30	.50	4.00
CELERY. Sheared back several times during growth. Ready July 1st		.30	.50	3.00
SWEET POTATO. Ready June 10th		.25	.35	2.50
TOMATO. Twice transplanted	\$0.20	.60	1.00	7.50
EGG PLANT. Twice transplanted. Ready May 15th	.25	.80	1.50	
PEPPER. Twice transplanted. Ready May 15th	.20	.60	1.00	

### VEGETABLE ROOTS AND SETS.

ARTICHOKES. Jerusalem	Bu., \$1.25.			
ASPARAGUS. Columb. Mammoth White, Conover's Colossal, Palmetto, 2 years old		1.00	6.50	
CHIVES. Strong clumps. Prepaid each 25c; not prepaid 10c.		.75	5.00	
GARLIC. Bulbs. Postpaid, per lb. 30c.				
HORSE RADISH. Slant cut ends	.20	.50	.75	6.00
RHUBARB ROOTS. Strong clumps, each 15c. Mailing size, each 10c.				
ONION SETS. Bottom Tops, Multipliers, etc., see special page.				

## THREE VALUABLE TEXT BOOKS ON GARDENING.

**GARDEN MAKING.** A guide to daily practice in the garden, whether that garden be a city back yard or an enclosure of acres. It imparts in simple language such information as every man or woman who buys a single packet of seed or attempts to grow a single plant is in need of. Profusely illustrated. Bound in flexible cloth so it can be carried in the pocket. Postpaid, \$1.00.

**THE YOUNG MARKET GARDENER.** Is intended as a guide to beginners. It gives sound advice on construction of houses, pits, soils, profitable crops, to grow, suggestions how to market. 119 pages. Paper. Postpaid, 50c.

**THE FORCING BOOK:** A manual of the cultivation of vegetables under glass. Valuable alike to the amateur or private gardener. 266 pages, 88 illustrations. Postpaid, \$1.00.



# TREE, HEDGE AND FRUIT SEEDS.

Few investments made by farmers will return a larger profit in the course of a few years than the planting of forest trees on uncultivated land, or on land cultivated at a loss. The time is rapidly coming when land covered with our best forest trees will be of great value.

We quote the standard sorts only. Should you desire varieties not named in our list, write us and we will furnish at lowest possible prices. Prices given include postage paid by us.

**CULTURE:** Sow early in spring, in well prepared beds, about two inches deep. When the seeds begin to germinate cover the beds lightly with pine boughs to shade the young plants from the sun. When the plants are all up, the brush should be gradually removed, but replaced before winter sets in. Let plants remain in beds for about 2 years, then transplant into rows 2 ft. apart, leaving about 12 inches between each plant. Keep ground clear, and when plants are strong enough remove to their intended place.

**NOTE.**—Owing to the many causes for failure in the germination of Tree Seeds, we wish it distinctly understood that we cannot be held responsible for any loss or damages arising from any failure thereof. Orders filled on above conditions only.

## FRUIT TREE SEEDS.

**APPLE.** Apple seeds do not produce the same varieties, but generally give a hardy, though inferior sort, and upon these seedlings are grafted or budded the finer varieties. Oz., 5c; lb., 30c.

**CHERRY, MAHALEB.** Used as stocks when dwarf trees are wanted. Culture same as the above. Oz., 10c; lb., 50c.

**CHERRY, MAZZARD.** This is the stock used for standard trees. Success is much more certain if the seed is planted in the fall, as it is very difficult to keep it in good condition through winter. Oz., 10c; lb., 40c.

**PEACH.** Plant three inches deep in nursery rows three feet apart, in the fall, or if delayed until spring, crack the pits and plant the kernels only. Bu., \$1.25.

**PEAR.** Success will depend very largely upon having a deep, rich, moist soil, as this is essential to vigorous growth. Plant and cultivate like the apple, and bud when large enough. Oz., 25c; lb., \$2.00.

**PLUM.** The directions given for planting apples will also apply to plums, except the pits should be planted further apart in the row. The varieties raised from seed will be hardy, vigorous stalks upon which to graft the choicer sorts. Oz., 10c; lb., 60c.

**QUINCE.** Quinces generally produce the same variety from seed, but occasionally vary. The general culture and requirements of soil are the same as for the pear, except that they are not budded. About 1,100 seeds per ounce. Oz., 20c; lb., \$2.00.

## Seeds of Small Fruits.

It is a well-known fact that plants produced from seeds have greater vigor and are more prolific and hardier than plants propagated by cuttings, and this is especially demonstrated in small fruit plants raised from seed.

*Seeds of Small Fruits are very slow to germinate and should be sown early.*

**RASPBERRY.** Large fruited sorts mixed. Pkt., 10c; ¼ oz., 20c.

**CURRENT.** Mixed. Pkt., 10c; ½ oz., 30c.

**BLACK CURRENT.** Pkt., 10c.

**BLACKBERRY.** Mixed sorts. Pkt., 10c; ¼ oz., 20c.

**GOOSEBERRY.** English large-fruited. Pkt., 10c; ½ oz., 30c.

**STRAWBERRY.** Large-fruited, mixed. Pkt., 10c.

## HEDGE SEEDS.

**OSAGE ORANGE** (*Maclura aurantiaca*.) Sprout the seed before planting, putting into a vessel and covering with warm (not hot) water. Keep in a warm place, and change the water once a day. Let the seed soak about five or six days, then pour off the water and cover the vessel with a cloth. Keep in a warm room and stir the seed occasionally. In a few days more the seed will begin to sprout and be ready for planting. Oz., 10c; lb., 50c.

## EVERGREEN TREE SEEDS.

**AMERICAN ARBOR VITÆ** (*Thuja occidentalis*.) Seldom over thirty feet high. Grows well under cultivation, and makes one of the best hedges for a screen and wind break. It is best grown from seed. Oz., 20c; lb., \$2.00.

**BALSAM FIR** (*Abies balsamea*.) Oz., 15c; lb., \$2.00.

**CEDAR, RED** (*Juniperus Virginiana*.) Oz., 10c; lb., 50c.

**HEMLOCK** (*Abies Canadensis*.) One of the most beautiful of our native evergreen trees. Of graceful habit, with graceful and delicate foliage. The bark is used very extensively for tanning leather. Needs a light, dry soil. Oz., 15c; lb., \$1.25.

**SCOTCH PINE** (*Pinus sylvestris*.) Very hardy; grows surely and rapidly on nearly every variety of soil, forming a beautiful tree; invaluable for a wind break. Oz., 20c; lb., \$2.00.

**WHITE, OR WEYMOUTH PINE** (*Pinus strobus*.) The most majestic and valuable of all our native pines; thrives best in light sand with clay subsoil, and prefers plains and broad river valleys to higher lands. Oz., 25c; lb., \$3.00.

**NORWAY SPRUCE** (*Picea excelsa*.) Well known as one of our most beautiful evergreen trees. It is hardy, of rapid growth, and forms a dense, close screen or hedge. Oz., 15c; lb., \$1.25.

**COLORADO BLUE SPRUCE** (*Picea pungens*.) Makes beautiful specimen trees. Oz., 25c; lb., \$3.00.

## Deciduous Tree Seeds.

**WHITE ASH** (*Fraxinus Americana*.) Requires a moist, deep soil, on which it will grow very rapidly. It deserves special attention from those who wish trees for timber. Oz., 10c; lb., 60c.

**WHITE BIRCH** (*Betula alba*.) Valuable for ornamental planting. Cover seed very lightly. Oz., 10c; lb., 60c.

**BOX ELDER, OR ASH LEAVED MAPLE** (*Acer negundo*.) Very rapid grower, seldom attaining more than 30 feet. Oz., 10c; lb., 60c.

**SOFT MAPLE.** Ripens in May. Can give prices at that time only.

**YELLOW LOCUST.** (*Robinia pseudo-acacia*.) This tree grows rapidly and its wood makes first class posts and railroad ties. Oz., 10c; lb., 40c.

**SUGAR MAPLE** (*Acer saccharinum*.) One of our highly prized native trees. Oz., 10c; lb., 80c.

**HARDY CATALPA** (*Catalpa speciosa*.) Scarcely a tree on our list can be so strongly recommended as this for planting on the treeless prairies of the Western states. Oz., 10c; lb., 80c.

**ELM, AMERICAN** (*Ulmus Americana*.) A tall-growing, well-known native tree. Oz., 20c; lb., \$1.50.

**HONEY LOCUST** (*Gleditsia triacanthos*.) On account of its rapidity of growth and durability of the timber, we regard this as one of the most valuable of our native trees. It is valuable for hedges also. Scald seeds before sowing. Oz., 10c; lb., 40c.





# Selected Farm Seeds.

**W**E give special attention to the quality of our FARM SEEDS, and send out nothing but most carefully selected and re-cleaned stock. It is our purpose to supply the very best only.

Prices on Farm Seeds subject to market changes. We make no charge for bags, nor delivery to depots. Purchaser pays freight in all cases.

## CHOICE SEED FIELD CORN.

**T**HE SEED CORN we offer is grown specially for that purpose, carefully selected, cured and shelled. It will pay any enterprising farmer to secure seed of the promising new varieties. Such men invariably obtain the highest market prices for all they can produce. *Special prices will be made to buyers of large quantities.*

*The prices by mail include postage. If ordered by express or freight at expense of purchaser, 15c per quart may be deducted.*

**WHITE CAP YELLOW DENT.** This now famous corn possesses the earliness of *Pride of the North*, and is fully a week earlier than the well-known *Leaming*. Grows about 6 to 7 feet in height, with abundant foliage and fine large ear. The tip ends of the grains are white, the inside yellow, making it of a beautiful color both on cob and when shelled. It is enormously productive, husks and shells well. Pkt., 10c; pt., 20c; qt., 35c., postpaid; bu., \$1.00, not prepaid.

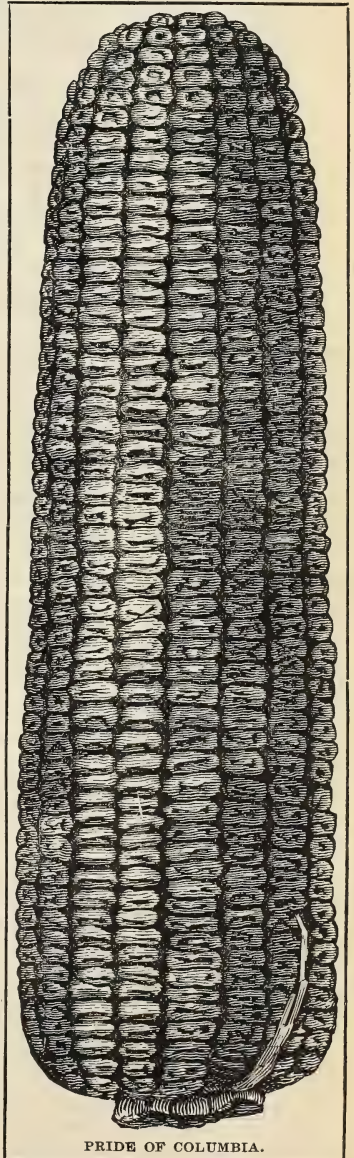
### PRIDE OF COLUMBIA.

In the *Pride of Columbia* we have a corn that *matures extremely early* and is *exceedingly prolific*, with *very small, red cob*. Grain of a bright yellow color; ears averaging 10 inches in length; uniform in shape; small tapering, deep kernel, dented, somewhat rough; 16-rowed, compactly placed on cob. Seventy pounds of ears have on several tests shelled sixty-two and sixty-three pounds of corn. Makes a much more luxuriant growth of fodder than *Pride of the North*. This makes it more valuable as a drought resister and more desirable for ensilage. It outyields *Pride of the North* 10 to 20 bu. per acre. A valuable corn for hog raisers because of its early earing habit. Pkt., 10c; qt., 30c., postpaid; pk., 40c; bu., \$1.25, not prepaid.

**PRIDE OF THE NORTH.** This is undoubtedly the best known of the early Yellow Dents. Ears 8 to 10 inches in length and 1½ inches in diameter. Kernels closely set, above medium size, long, narrow, thin, of deep orange color, shading to pale yellow at the tip. Cob very small and red. In a test, 70 pounds of ears, not selected and but imperfectly dried, produced 60¾ pounds of shelled corn and only 9¾ pounds of cobs, instead of 14 pounds, the usual proportion. Stalks about medium height, 6 to 8 feet. Pkt., 10c; qt., 30c., postpaid; pk., 35c; bu., \$1.00, not prepaid.

**IMPROVED KING PHILIP.** Very early.

Ears 10 to 12 inches. Kernels copper-colored, smooth and flinty. Pkt., 10c; qt., 30c, postpaid; pk., 50c; bu., \$1.50, not prepaid.



PRIDE OF COLUMBIA.





# FIELD CORN.—Continued.

## IOWA GOLD MINE.

Early, ripening only a few days later than the Pride of the North; ears are of good size and symmetrical; color, bright golden yellow; grain very deep; cob small, and therefore dries out very quickly as soon as ripe. *Seventy pounds of ear corn makes sixty to sixty-four pounds of shelled corn*, and in hauling to market weighs out five bushels more to the wagon load than common varieties in the same size wagon. We have shelled selected ears of this variety which produced *sixty-four pounds of shelled corn and only six pounds of cobs to the bushel*. Pkt., 10c; qt., 30c, postpaid; pk., 35c; bu., \$1.00, not prepaid.



**IOWA SILVER MINE.** The most prominent white dent corn now on the market, and the *largest yielding variety in existence*. It safely matures in the Illinois corn belt, say south of Chicago. Yielded 215 bushels of shelled corn per acre in Scott county, Iowa; 211 bushels in Indiana; 201 bushels in Arkansas; 178 bushels in Illinois; 145 bushels in Nebraska; 144 bushels in Ohio; 137 bushels in Texas, and big crops everywhere. Ears 10 to 12 inches long; 16 to 20 rowed, uniform in size, with small cob. *A great drought resister*. Pkt., 10c; qt., 30c., postpaid; pk., 35; bu., \$1.00, not prepaid.

**LEGAL TENDER.** A yellow dent corn maturing a little later than Iowa Gold Mine. It is suitable for Illinois, Iowa, Nebraska and the South. *Ear large and long, with deep grains on a small cob*. Pkt., 10c; qt., 30c., postpaid; pk., 35c; bu., \$1.00, not prepaid.

**CHAMPION WHITE PEARL.** A very pure white early corn, maturing in 90 to 100 days. Very prolific, the grain is long and wide, two of which will span the cob. The cobs are unusually small for the size of the corn, and are almost all white. The ears are medium size, 16-rowed, and can be planted much thicker than a large corn and yet bear full-sized ears. Pkt., 10c; qt., 30c., postpaid; pk., 35c; bu., \$1.00, not prepaid.

**YELLOW FLINT.** An exceedingly heavy and productive variety. It grows to a good height, the stalks making excellent fodder. Ears 8 to 10 inches in length, cob white, 8-rowed, with large and broad kernels. Pkt., 10c; qt., 35c., postpaid; pk., 50c; bu., \$1.50, not prepaid.

**BARNARD'S YELLOW DENT.** A splendid new corn. It is very early, maturing in 90 days. Ears 10 inches long, 20-rowed, smooth and handsome. The kernels are very deep and the cob is extraordinarily small, making the greatest possible amount of shelled corn to the bushel. This corn we feel certain will please everyone. It is a variety that can be depended upon to make a good crop under adverse conditions. Try it on a small scale this year on our recommendation. Pkt., 10c; qt., 35c., postpaid; pk., 50c; bu., \$1.50; 5 bu. for \$3.75; 10 bu., for \$12.50, not prepaid, bags included.

**IMPROVED KING PHILLIP.** One of the oldest and best-known flint varieties. Early, ears 10 to 12 inches long. Kernels copper-colored. Pkt., 10c; qt., 35c, postpaid; pk., 50c; bu., \$1.50, not prepaid.

## ENSILAGE AND FODDER CORN.

If planted in drills, which should be about three and a half feet apart, 12 to 16 quarts per acre are required. If sown broadcast, 2 to 2½ bushels are required to the acre.

*These prices include bags and delivery to depot.*

**SWEET CORN FOR FODDER.** There is nothing better for green feed, or for curing for winter, than Sweet Corn. Cattle highly relish it, and when fed on it keep in fine condition, and give an abundance of milk. It has the great merit of being so sweet and palatable that cattle eat every part of the stalks and leaves. Also excellent for soiling. Sow in drills or broadcast. Pk., 50c; bu., \$1.50; 2 bu., \$2.50; 10 bu., \$1.10 per bu., bags included.

**RED COB ENSILAGE.** A most desirable variety, adapted to all sections of the country. It is sweet, tender and juicy, has short joints, abundance of leaves, and grows to a good height. Pk., 25c; bu., \$1.75.

**LARGE, WHITE, SOUTHERN ENSILAGE.** A most desirable variety for its purpose. Leaves are produced in abundance. Pk., 35c; bu. \$1.00.

## BROOM CORN. Evergreen.

The best variety for general cultivation. Grows about eight to ten feet high, stands up well, and is entirely free from crooked brush. The fibre is long and fine. Its greatest value to growers is in the fact that it will not get red in the field before it is cut, but is strictly a green variety of brush, and will always command the highest price. Lb., 15c., postpaid; pk., 40c; bu., \$1.25, not prepaid.

**FIELD PEAS.** These are sown for marketing dry, for split peas or for fodder for stock, at the rate of two and a half bushels to the acre, either broadcast or in drills. Qt., 25c., postpaid; pk., 50c; bu., \$1.25, not prepaid.



ENSILAGE CORN.



# SUGAR CANE, FORAGE PLANTS, ETC.

Just as the human appetite craves a change in the daily rations, so does the farm stock enjoy with relish a change in their food, the result being an improved appetite and increase in growth. The forage plants offered on this page have all been tried and proven good. They are excellent either as green or dry feed.

## CANE or SORGHUM.

**EARLY AMBER.** Wherever this has been introduced it gives entire satisfaction as a *profitable crop fodder, as well as for sugar making.* When planted between the 1st and 10th of May the seed invariably ripens in almost any section of the country. The seed is very nutritious and valuable for horse and cattle food, and is greedily eaten by poultry. It is by far the best variety for sugar. The syrup obtained from the cane is a pale amber color, hence the name. Pkt., 5c; lb., 15c; postpaid; 25 lbs. for \$1.00; 100 lbs., \$3.00, not prepaid, bags included.

**KANSAS ORANGE.** This is the most popular variety grown in the South. Its habit is similar to Early Amber, and it is constituted to endure Southern summer heat. South of Illinois this is the Sugar Cane to plant. Pkt., 5c; lb., 15c., postpaid; 25 lbs. for \$1.00; 100 lbs., \$3.00, not prepaid, bags included.

**WHITE MILLO MAIZE.** A variety of sorghum non saccharine. The merit of this variety is that when cut for feeding it starts again from the stumps with renewed vitality. It endures dry weather and will make a crop where corn would be a failure. It bears grain in heads ten to fifteen inches long. Large pkt., 5c; lb., 20c., postpaid; 10 lbs. for 50c; 25 lbs. for \$1.00; 100 lbs. for \$3.00, not prepaid, bags included.



KAFFIR CORN.

### KAFFIR CORN

Is now successfully cultivated for both forage and grain in all sections of the United States.

It will make a fine crop of forage if cut in early bloom, and the shoots that then follow will mature a full crop of seed and forage. Both grain and fodder are excellent, the whole stalk tender to the full maturity of seed. There is no failure about it, as it possesses the quality that all the tribe possess, of waiting for rain without any loss of capacity to yield. The grain makes a flour that is like wheat. Cultivated the same as our common Indian Corn, requiring

four to five pounds of seed per acre. By mail, postage paid, pkt., 5c; lb., 15c; by freight or express, 10 lbs for 40c; 25 lbs. for 75c; 100 lbs., \$2.50, bags included.

### WILD RICE. (*Zizania Aquatica*.)

A native plant furnishing food for wild fowl, ducks, geese, etc. This seed can be sown on the borders of lakes, ponds, along small streams, and grows very rapidly in one foot to four feet of water, attracting all of these wild birds from September on. It also purifies the water and affords a refuge for the small fry from the large fish. Lb., 35c., postpaid; 5 lbs., \$1.00; 10 lbs. and over, 18c. per lb.

**FLAX.** When grown for seed sow one bushel per acre. If fibre is wanted, sow at the rate of two to three bushels. The soil should be well cultivated. Lb., 10c; 100 lbs., \$4.00.

Book on Flax Culture, 5c.



DWARF ESSEX RAPE.

### DWARF ESSEX RAPE.

**DWARF ESSEX RAPE** is considered indispensable by the sheep and cattle farmers of Great Britain, and is fast coming into use in this country on account of its rapid growth, being ready to feed in ten weeks from sowing, and producing twenty-five to thirty tons of green forage to the acre. It grows to a height of three feet and covers the surface so densely as to smother out all weeds and to kill quack and other objectionable grasses. It can be sown all through the season, being perfectly hardy, withstands drouth, and will produce a crop in any soil by sowing broadcast at the rate of five pounds to the acre, or in drills or rows two feet apart at the rate of three pounds per acre. While unequalled as a pasture for sheep, as a fattening food for all kinds of live stock it is without a rival in point of cheapness or effectiveness. Oz., 5c; lb., 20c, postpaid. By express or freight, not prepaid, 10 lbs., 75c; 25 lbs., \$1.75; 100 lbs., \$6.00, bags included. Write for prices in larger quantities.

### VETCHES or TARES.

**SPRING TARES.** A species of the pea, grown by nearly all farmers in the British Islands and to a considerable extent in Canada. For spring planting this variety, known as (*Vicia sativa*) is sown broadcast at the rate of 100 lbs. per acre, like wheat or barley. It can be cheaply raised, fed green, or ensilaged. Where land is not adapted to hay or is expensive, or pasturage is poor or costly it would pay to grow Vetches as a forage crop. Pkt., 5c; lb., 20c., postpaid; 10 lbs. for 75c; 25 lbs. for \$1.50; 100 lbs., \$5.50, not prepaid, bags included.

**SAND or WINTER VETCH.** (*Vicia villosa*.) This variety thrives on poor, arid, sandy soils. It is sown either in fall or in spring, and generally mixed with rye, which serves as a support to the plants. It grows to a height of from 3 to 4 feet, and can be cut twice for fodder, first as soon as the bloom appears, and then it can be again cut for the seed. The plant is perfectly hardy and the produce is recommended as most nutritious. The seed is black and perfectly round, and should be sown at the rate of 100 lbs. to the acre. Pkt., 10c; lb., 25c., postpaid; 10 lbs., \$1.25; 25 lbs. for \$2.75; 100 lbs., \$10.00, not prepaid, bags included.

**CHUFAS, or Earth Almond.** Very sweet and nutritious. Pkt., c; qt., 35c., postpaid.



# SEED GRAIN. GROWN EXPRESSLY FOR SEED . . . . . CAREFULLY RECLEANED and SELECTED.

Prices on Seed Grain subject to market changes. We make no charge for bags, nor delivery to depots. Purchaser pays freight in all cases.

## Barley.

**MANSHURY.** The very best six-rowed barley grown. Heads long, heavy, drooping and well filled, containing 75 to 90 grains each. Straw bright, very strong; does not lodge on the richest land. It is early in ripening and always plump, yields from 50 to 70 bu. per acre. Considered superior for malting. Long heads; distinguished from common sorts by a slightly reddish tint to the beard. Pkt., 5c; lb., 20c, prepaid; bu., lots \$1.00 per bu., but not prepaid, bags included.



NEW ZEALAND OATS.

## BUCKWHEAT.

**JAPANESE.** The variety is rapidly displacing all other sorts of Buckwheat. It ripens early and has much larger grains than all others. In shape the kernels are peculiar and distinct. Color a dark brown. It manufactures a superior flour. Pkt., 5c; lb., 20c, postpaid. Peck, 40c; bu., \$1.25, not prepaid, bags included.

**SILVER HULL.** Grain silver gray in color. Sown at same time as common buckwheat this variety continues in bloom longer and yields nearly double. Pkt., 5c; lb., 20c, postpaid. Peck, 40c; bu., \$1.25, bags included, not prepaid.

**COMMON BUCKWHEAT.** *Selected seed.* Pkt., 5c; lb., 20c, postpaid. Peck, 30c; bu., \$1.00, not prepaid.

## CHOICE SEED OATS.

**LINCOLN.** One of the best oats. The following are a few of its points of excellence: It is *very early*, and has thus far proved itself rust proof. It has given wonderful results as a yielder, in one instance 174 bushels were grown from one bushel of seed. Straw is stiff and strong. Grain is handsome and is valuable for feeding as well as grinding for oatmeal on account of its *thin hull, heavy meat and soft nib*. Lb., 15c; 3 lbs. for 40c, postpaid. Peck, 25c; bu., 75c; 5 bu. for \$3.00; bags included, not prepaid.

**NEW ZEALAND.** This oat takes its name from the country from which it came. It is a white side oat, of medium size, with heavy heads of about 100 grains each. In Iowa, where other sorts were badly rusted, the New Zealand was almost entirely free. Has tested 40 lbs. to the measured bushel without recleaning. Lb., 20c; 3 lbs. for 50c, postpaid. Pk., 25c; bu., 75c; 5 bu. for \$3.25; bags included, not prepaid.

**BLACK TARTARIAN.** A Canadian black oat that is adapted to all soils. Where one wishes to change seed this is a good variety to sow. Grain large and plump. Lb., 20c; 3 lbs., 50c, postpaid. Pk., 35c; bu., \$1.00; 5 bu. for \$4.50, bags included, not prepaid.

## HIGH GRADE SEED WHEAT.

**VELVET CHAFF BLUE STEM (Spring).** A distinct variety, having white, velvet-like chaff; heads beardless. The stem, just below the head, when green, is a beautiful blue bloom, which disappears as the wheat ripens, both wheat and straw assuming a bright golden tint. The kernel is of the hard variety, similar to the Scotch Fife, but is far more productive and one of the best spring wheats for milling; entirely free from rust. Pkt., 5c; lb., 20c, postpaid. Pk., 50c; bu., \$1.50.

**SASKATCHEWAN FIFE (Spring)** has all the general characteristics of Scotch Fife, from which it is descended by careful selections. It excels in earliness, hardness, productiveness, and freedom from smut and all diseases. It is highly endorsed by leading wheat growers. Pkt., 5c; lb., 20c, postpaid; pk., 50c; bu., \$1.50.

**HYBRID MEDITERRANEAN WHEAT (Winter).** A well-known Winter Wheat. It produces large, square heads, with four rows of grain, having short beards. The straw is stiff, of medium length, bronze at maturity. This grain is of a handsome amber red color, hard and flinty, making excellent flour. We recommend it as one of the surest and best for ordinary farms and conditions. Pkt., 5c; lb., 20c, postpaid; pk., 50c; bu., \$1.50.

## RYE.

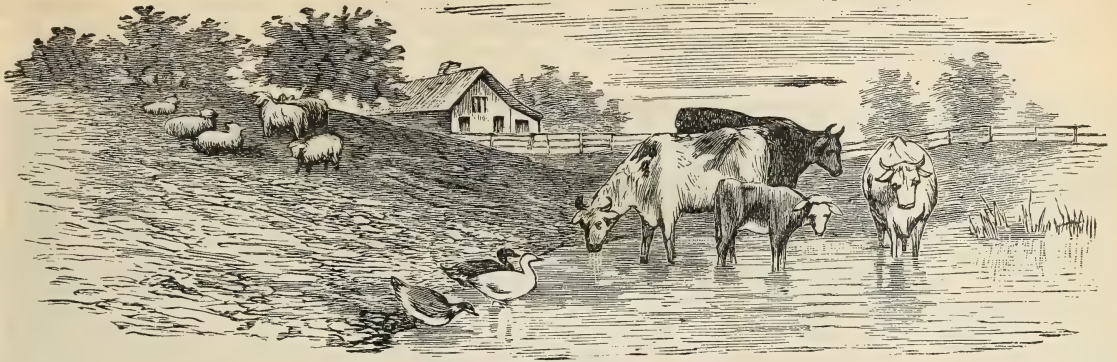
**SPRING.** This variety has been developed simply by planting Winter Rye in the spring and selecting the seed so procured for several years. The standard variety for spring planting. Pkt., 5c; lb., 20c, postpaid. Pk., 30c; bu., \$1.00, not prepaid, bags included.

**WHITE WINTER.** Much prized for its straw, also for plowing under as a green manure. The ordinary fall sown variety of which we offer selected stock only. Pkt., 5c; lb., 20c, postpaid. Pk., 30c; bu., \$1.00, not prepaid, bags included.



VELVET CHAFF WHEAT.





## PERMANENT PASTURES.

WITH the development of the higher forms of husbandry in this country, the laying down of the land to permanent pastures is becoming an important feature of farm practice. Our pastures have heretofore been sadly neglected, so much so that in many instances the word "pasture" is becoming synonymous with the poorest land of the farm. Successful dairying and stock-breeding, however, demand better grazing. There is a vast margin for improvement and increased profits between the three-to-five-acres per cow of some of our older states, and the two-to-three-cows-per-acre of Holland. As land increases in money value its feeding capacity must be improved in order that it may be used for pasturage with profit. Many efforts at pasture making in this country have failed for very simple reasons, among which is the custom of scattering a little seed over a worn-out pasture and letting it remain on the surface, or simply harrowing it in. Again, the ground has simply been plowed and re-seeded without any effort at enrichment, or proper drainage or proper pulverization, such as is thought indispensable for growing any other crop than grass. The way to make good pasture is to plow the land thoroughly and harrow and pulverize it as if for corn; if it is poor in fertility it must be enriched. Then grasses are to be selected which are best adapted to the soil, and the selections must be so made that a succession of grasses will keep the pasture green the season through; or, if convenient, it is well to have one pasture for early and late feeding, and another for summer feeding.

For early and late pasture the following mixtures are recommended;

**We prepare these mixtures with the greatest of care, using only the choicest grade of seed.**

### For early pasture:

Blue Grass, Timothy, Orchard Grass, White Clover, in sufficient quantities for one acre, \$1.75.

### For Summer pasture:

Timothy, Orchard Grass, Red Clover. Quantities sufficient for one acre, \$1.75.

### For Southern pastures in the higher altitudes the following should succeed:

Orchard Grass, Taller Fescue, Blue Grass, Johnson Grass, White Clover. Quantity sufficient for one acre, \$3.00.

### For wet soils in the North we suggest:

Blue Grass, Red Top, Fowl Meadow Grass, Rye or Ray Grass, White Clover, Alsike Clover. Quantity sufficient for one acre, \$3.00.

To make a pasture quickly the grass seeds should be sowed alone, without grain, and not be grazed the first year, but be cut for hay, twice if possible, in order to force a large development of roots. To renovate an old pasture it is best to cultivate it for a year to some well manured hoed crop. This is an expensive process, but it is effectual in killing off a great number of weeds. A good way also is to harrow the surface with a sharp harrow and then sow a variety of seeds, with 200 or 300 pounds of bone dust per acre; or spread on some fine compost, then give the whole a thorough harrowing and leave it alone. When the grasses show signs of running out, say every 5, 7 or 10 years, it is well to sow a variety of grass seeds on the surface and drag a light harrow over the pasture, applying at the same time a dressing of bone-dust.

### For the lighter soils of the North and East we suggest the following:

Timothy, Taller Oat Grass, Rhode Island Bent, Orchard Grass, White Clover, Red Clover, Alsike Clover. Quantity sufficient for one acre, \$3.50.

### For the dry soils and the hot climate of the Southwest we recommend:

Taller Fescue, Giant Fescue, Taller Oat Grass, Johnson Grass, Red Clover. Quantity sufficient for one acre, \$4.00.

### For permanent dairy pastures on most heavy soils we recommend:

Perennial Rye Grass, Blue Grass, Orchard Grass, Meadow Fescue, Meadow Foxtail, Red Clover, White Clover, Alsike Clover. Quantity sufficient for one acre, \$3.50.

## Root Crops for Farm Stock.

All the sorts found under this heading will also be found described in other parts of our Catalogue, but for the convenience of our patrons we again catalogue them under the heading of Farm Seeds, as they are especially adapted to field culture. These prices include postage. If ordered by express or freight, deduct 10 cents per pound.

### MANGEL WURZELS.

	$\frac{1}{4}$ lb.	lb.
Mammoth Red	\$.10	\$3.30
Monarch	15	35
Norbitant Giant	10	30
Golden Tankard	10	30
Prize Champion Globe	10	30
SUGAR BEET, LANE'S	10	30
Klein Wanzleben	15	40

### CARROT.

	$\frac{1}{4}$ lb.	lb.
Improved Long Orange	\$.25	\$7.75
White Belgian	15	40

### TURNIPS—Ruta Baga Varieties.

	15	40
American Purple Top	15	40
Skirving's Purple Top	15	40
White Sweet Russian	15	40



# GRASS SEEDS FOR LAWNS.

"The most beautiful thing that can be placed about a home is a well-kept lawn. It is the soul of the surroundings of a home. Not only is it one of the most beautiful but also useful features of the landscape. Grass is the carpet of the earth, and like the carpet of the house it should be used."



## ONLY with the best material

Careful and thorough experiments have proved a mixture of different dwarf, hardy, quick-growing varieties to be the best, rather than any one kind. Such a combination of grasses is

### BARNARD'S "Perpetual Green" .:. LAWN MIXTURE

It is unequalled for tennis and croquet grounds. The grasses of which it is composed will in the shortest time possible produce a beautiful dwarf, compact turf, which will endure the summer heat, and insure a rich, deep green sward throughout the season. We take every precaution by the most painstaking cleaning to eliminate as far as possible all weed seeds. Lb., 35c, postpaid. **Not prepaid**, lb., 25c; 5 lbs. or more at 20c per lb., bags included.

**BLUE GRASS.** Its uniform growth, creeping habit and beautiful color make it desirable for lawns. This grass lives longer than all others. Fancy cleaned, lb., 30c, postpaid. **Not prepaid**, lb., 20c; 5 lbs. or more at 15c per lb.

### Special Mixture for "Shady Places."

WITH this mixture there need be no difficulty in getting grass to grow in the shade under the trees, etc., as it is a combination of grasses whose natural home is in woods and sheltered places. Lb., 40c., postpaid. **Not prepaid**, lb., 30c; 5 or more lbs. at 25c per lb., bags included.

Special rates quoted for large quantities.

**THE QUANTITY TO SOW.** It is unwise to be economical in the quantity of seed used if the best results are desired. One pound will sow a plot 15x20 feet or 200 square feet; 4 bushels (56 lbs.) to the acre.

### "GOLF LINK" MIXTURE.

For links or grounds on which this most popular game is played we supply a mixture of grasses that will endure wear and tear and at the same time always present a fine sward. Lb., 40c, postpaid. **Not prepaid**, lb., 30c; 5 or more lbs. at 25c per lb.

**WHITE CLOVER.** Thrives in damp situations. We have some A1 seed, carefully cleaned. Lb., 30c, postpaid. **Not prepaid**, lb., 20c; 5 lbs. or more at 15c per lb.

**RED TOP.** Desirable where an immediate effect is sought. Fancy cleaned seed, free from chaff, lb., 30c, postpaid. **Not prepaid**, 25c; 5 lbs. or more, 20c per lb.

## Chicago Lawn Fertilizer

DRY  
CLEAN  
ODORLESS



is a preparation in which the enriching qualities of stable manure are found without any objectionable features. Stable dressing is unpleasant to handle and in other ways but worst of all is, that it always contains more or less weed seeds. **There are no weed seeds in this fertilizer.** It will impart to your lawn that much desired dark green and velvety appearance. Should be applied as a top dressing either in spring or in fall.

### QUANTITIES TO USE AND PRICES:

10-lbs. bag for 1,000 sq. ft. of lawn, or 500 sq. ft. of garden	Not prepaid	\$ .50
25-lbs. bag for 2,500 sq. ft. of lawn, or 1,200 sq. ft. of garden	.....	1.00
50-lbs. bag for 5,000 sq. ft. of lawn, or 2,500 sq. ft. of garden	.....	1.75
100-lbs. bag for ¼ acre of lawn, or ¼ acre of garden	.....	3.00
200-lbs. bag for ½ acre of lawn, or ½ acre of garden	.....	5.50

garden, it is one of the very best. 4 lbs., 25c; 10 lbs. 45c; 100 lbs., \$2.00, **not prepaid.** (Postage 16c per lb. extra).

### PULVERIZED SHEEP MANURE.

As a top-dressing for lawns it is unequaled, being free from weed seeds, and exceedingly stimulating. For lawns it should be used at the rate of 500 pounds per acre. As a fertilizing agent for plants indoors, and in the open



## - GRASS SEEDS. -

A good selection and proper mixture of grass seeds for the various purposes of cultivation, for mowing, for soiling, for permanent pasturage or for an alternate crop, is of vast importance to the agriculturist. Many varieties hitherto neglected are by exhaustive tests proving to be worthy substitutes for the old sorts.

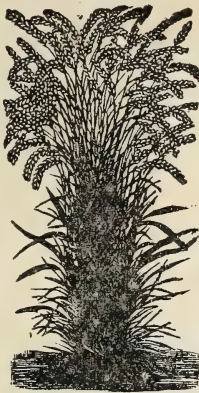
The following list gives names and short description of the very best varieties for general use.

All quotations on grass seeds subject to market changes. Special quotations will be given at any time.

If wanted by mail add 8c. per lb. for postage.



ORCHARD GRASS.



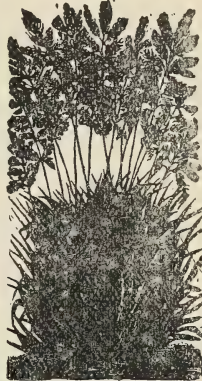
PERENNIAL RYE.



MEADOW FESCUE.



SHEEP'S FESCUE.



KY. BLUE GRASS.

**TIMOTHY.** (Herd's Grass, Cat's Tail, *Phleum Pratense*.) Starts late and grows rather slowly, flowering about four weeks after Red Clover. It makes good hay, even if cut a few days after flowering, but will never bear close feeding to horses or sheep; 45 pounds to the bushel. Sow 12 pounds to the acre. Lb., 10c.; large quantities, market price.

**ORCHARD GRASS.** (Rough Cook's Foot, *Dactylis Glomerata*.) This is one of the most valuable and widely known of all the pasture grasses.

Its good properties are earliness, rapid growth and power to resist drought. It will endure considerable shade. If cut when in flower, or very soon after, it makes first rate hay; ripe, it makes poor hay. Flowers about the same time as Red Clover. Sow 24 pounds to the acre. Lb., 20c.; 100 lbs., \$10.00.

**RED TOP.** (Pennsylvania Herd's Grass, Burden Grass, *Agrostis Vulgaris*.) Thrives best on low lands, where it cuts a good crop of rather light hay of fair quality. Suitable for low pastures. Sow 2 bu. per acre; 14 lbs. to the bushel. Lb., 20c.; 100 lbs., \$9.00.

**KENTUCKY BLUE GRASS.** (June Grass, Spear Grass, Green Meadow Grass, *Poa Pratensis*.) Valuable pasture grass and for lawns when mixed with other grasses. It grows well in rather a dry soil, but will grow on a variety of soils from the driest knolls to a wet meadow. It endures the frosts of winter better than many other grasses. Flowers in June. Sow about 25 lbs. to the acre early in the spring or during October or November. Lb., 20c.; 100 lbs., \$10.00.

**PERENNIAL RYE GRASS.** (*Lolium Perenne*.) Nutritious and valuable; in most places not excelled by Blue Grass for pasture. It thrives on almost all cultivated soils: starts early and grows all summer. Height seldom over 18 inches. Flowers in June. 24 lbs. to the bushel. Sow 60 lbs. to the acre. Lb., 15c.; 100 lbs., \$6.00.

**ITALIAN RYE GRASS.** (*Lolium Italicum*.) Yields an early and abundant harvest on any good common soil. Especially recommended for pasture mixtures. Lb., 15c.; 100 lbs., \$6.00.

**MEADOW FESCUE.** (English Blue Grass, *Festuca Pratensis*.) An excellent pasture grass, early, nutritious, and thrives well on all good soils. The long tender leaves are much relished by cattle. In addition to its being a pasture grass it makes a very good quality of hay. Flowers in June and July. Sow 40 lbs. to the acre. Lb., 15c.; 100 lbs., \$6.00.

**MEADOW FOXTAIL.** (*Alopecurus Pratensis*.) One of the finest varieties for permanent pastures, grows rapidly after the cropping of sheep and cattle. It grows well on all soils except the driest sands and gravels, but thrives best on a rich, moist, strong soil. Flowers in May. Sow 25 lbs. to the acre. Lb., 30c.; 100 lbs., \$20.00.

**TALL FESCUE.** (*Festuca Elatior*.) Produces large crops on strong, heavy land. Grows naturally in shady woods, roots deeply and stands dry weather remarkably well. Sow 40 lbs. to the acre. Lb., 25c.; 100 lbs., \$18.00.

**HARD FESCUE.** (*Festuca Duriuscula*.) A dwarf grass, desirable for dry localities where many other grasses would fail. Sow 30 lbs. to the acre. Lb., 25c.; 100 lbs., \$12.00.

**PERENNIAL SWEET VERNAL.** (*Anthoxanthum Odoratum*.) Useful as a mixture with other grasses on account of its early growth. It emits an agreeable odor when cut for hay. Sow 10 lbs. to the acre with other grasses. Lb., 35c.; 100 lbs., \$25.00.

**TALL MEADOW OAT GRASS.** (*Avena Elatior* or *Arrhenatherum Avenaceum*.) It produces an abundance of foliage and is valuable for pasture, starts early, flowers early and roots deeply. Sow 50 lbs. to the acre. Lb., 25c.; 100 lbs., \$16.00.

**WOOD MEADOW GRASS.** (*Poa Memorialis*.) There is no grass better adapted for pleasure grounds, particularly under trees, as it will not only grow in such places, but forms a fine sward where few other grasses can exist. Sow 30 lbs. to the acre. Lb., 30c.; 100 lbs., \$25.00.

**ROUGH STALKED MEADOW GRASS.** (*Poa Trivialis*.) One of the few varieties that succeed well in moist and sheltered situations, where it produces a constant and abundant supply of nutritive cattle food. Sow 20 lbs. to the acre. Lb., 30c.; 100 lbs., \$20.00.

**CRESTED DOGSTAIL.** (*Cynosurus Christatus*.) On dry, hard soils and hills it is valuable for its hardness. Useful for lawn mixtures. Sow 25 lbs. to the acre. Lb., 25c.; 100 lbs., \$23.00.

**CREeping BENT GRASS.** (*Agrostis Stolonifera*.) This variety is peculiarly useful for moist places which are occasionally overflowed, but where water does not stagnate. Also valuable for lawns. Sow 20 lbs. to the acre. Lb., 20c.; 100 lbs., \$15.00.

**COMMON MILLET.** (*Panicum Millaceum*.) Height 2 to 3 feet; succulent stems; leaves broad and numerous, grows rapidly, and matures early. Can be planted as late as August and mature a crop of hay the same season. Sow 3/4 bushel per acre—50 lbs. to the bushel. Bu., \$1.00.

**HUNGARIAN MILLET.** (*Panicum germanicum*.) A popular forage grass in dry sections and dry seasons; it endures drouth remarkably well. Stalk leafy, 2 to 4 feet high, with slender heads; 48 pounds to the bushel. Sow 3/4 bushel per acre. Cut when in blossom, and cure the same as clover. Bu., \$1.00.

**PEARL MILLET.** (Egyptian, East India Millet, *Pennisetum glaucum*.) Sow in light, sandy soil, well-manured. If cut when small, for feeding green, it produces a second crop; is one of the best of fodder crops in the south. Lb., 10c.

**GERMAN, or GOLDEN MILLET.** A great yielder, and one of the best of hay and fodder crops. Sow 3/4 bushel per acre—50 pounds to the bushel. Bu., \$1.00.



## — CLOVERS. —

Prices on Clover subject to Market Changes. Write for special quotations. If wanted by mail or Express, prepaid, add 8c per lb. to prices named.

### ALFALFA, or LUGERNE. (*Medicago Sativa*.)

Alfalfa flourishes in all Western and Southern States and has succeeded admirably in many localities of the North. The great value of alfalfa is in its enormous yield of green fodder, which should be cut when commencing to blossom; it is also highly relished by stock when cured into hay. The roots penetrate the soil to a great depth, they having been found in sandy soil 13 feet long; it is thus able to resist drought, therefore it will grow and yield abundantly in hot, dry sections and on poor, light sandy land. It, however, attains its highest perfection on mellow, well drained high or rolling land, where water readily passes away. Alfalfa is not adapted for heavy, sticky clays, nor for land where water stands a short distance below the surface. The seeds may be sown in the early fall or in the Spring as soon as the frost is out of the ground, in order to catch the Spring rain, as it needs moisture to germinate. Twenty to twenty-five pounds are required per acre if sown broadcast, eight pounds in drills. Thick sowing produces the finest hay. 60 lbs. to the bushel. Lb., 20c, not prepaid; bu., \$5.00, 100 lbs., \$8.00.

### MEDIUM RED, or JUNE. (*Trifolium Medium*.)

The common Clover in general cultivation; grows 2 to 3 feet high, and is the best for hay. Makes excellent pasturage when sown with Grasses, and is one of the best fodders for milch cows and sheep. When used alone, sow about eight pounds of seed per acre; 60 pounds to the bushel. Lb., 15c, not prepaid. Write for prices in quantity.

### MAMMOTH, or LARGE RED. (*Pea Vine, Trifolium Pratense*.)

Grows 4 to 6 feet high. The variety best adapted to plowing under as a green manure, on account of the enormous mass of tops and roots which it produces. It makes an excellent hog pasture. Sow 8 pounds per acre; 60 pounds to the bushel. Market price. Lb., 15c. Write for prices in quantity.

### WHITE. (*Trifolium Repens*.)

Low, with creeping stems. It is the best of the Clovers for permanent pasturage, but prefers moist land. Mixed with Blue Grass or Perennial Rye Grass, or Taller Oat Grass, it makes a permanent pasture of great grazing value. Stems fine and palatable, bearing numerous leaves of bright green color blotched with white. Sow 6 pounds per acre when used alone, or 3 pounds with Grass seeds; 60 pounds to the bushel. Lb., 25c, not prepaid; 25 lbs., 20c per lb.



ALFALFA CLOVER.

### GRIMSON CLOVER. (*Trifolium Incarnatum*.)

This is an annual clover for fall sowing only, and when ripe to cut for hay or seed it never starts again. It can be sown in August, September or early in October. It can be sown in orchards, in fields of growing crops, or in open ground after some other crop has been harvested. It germinates quickly, grows late in the fall and during warm spells in the winter, when red clover will not think of starting. Makes remarkably rapid growth in Spring and by the first week in May it stands two or three feet high and is in full bloom, ready to turn under as green manure in time for almost any Spring crop. It succeeds on nearly every kind of soil standing northern winter and southern summer. It can be cut for hay and for this purpose grows as easily as common red clover. It thrives on land so poor that the common clover would do but little. 10 to 15 lbs. are required to the acre. Lb., 15c, not prepaid; bu., \$3.00; 100 lbs., \$5.00.



SCARLET CLOVER.

### ALSIKE, or SWEDISH. (*Trifolium Hybridum*.)

Hardy, resists extremes of drought and wet, yields large crops of superior pasturage, and much liked by cattle. It is well suited to sowing on lands liable to wash, as its long fibrous roots spread over a wide area, and so interlace and hold the soil as to resist the heaviest rains. Can be planted on any kind of soil. Blossom heads round, resembling White Clover in shape, flesh colored, sweet and fragrant; much liked by bees. Sow 6 pounds per acre in spring or fall; 60 pounds to the bushel. Lb., 20c, not prepaid; bu., \$5.50; 100 lbs., \$10.00.



WHITE CLOVER.



# FERTILIZERS, INSECT AND FUNGUS REMEDIES.

We keep but one grade—the best. Our large sales enable us to offer at *lowest wholesale prices*. Prices subject to market changes. Special quotations will be made for large lots.

## FERTILIZERS, ETC.

### PULVERIZED SHEEP MANURE.

Highly recommended for all purposes for which a fertilizer is required. Its effect is immediate and lasting. It is clean to handle. For lawns, use at the rate of 500 lbs. per acre. For pot plants, mix one part sheep manure to six parts of soil. For use in the vegetable garden, spread over the surface and dig in. Being soluble, it readily makes a safe liquid manure (one pound to five gallons of water per day can safely be used). 2 lbs., 15c; 4 lbs., 25c; 10 lbs., 45c. Not prepaid. 100 lbs., \$1.25; 1,000 lbs., \$9.00.

### FINE RAW BONE OR FLORISTS' BONE MEAL.

Guaranteed pure bone. It is ground fine and is an excellent top dressing for lawns, grass lands, farm and field crops, also for mixing with potting soil. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 70c; 50 lbs., \$1.25; 100 lbs., \$2.00; bag of 200 lbs., \$3.50.

### PURE CRUSHED BONE.

Coarse ground. Used around fruit trees, grape vine borders and in the poultry yard. 50 lbs., \$1.75; 100 lbs., \$3.00.

### BONE AND BLOOD.

Just the thing where a high nitrogenous fertilizer is required. Its effects are prolonged and lasting. For seed beds and garden plots of cabbage, lettuce, beets, onion, celery, spinach, apply broadcast at the rate of one or two tons per acre. When used in rows or in hills for cabbage, celery or early corn, one to two hundred pounds per acre will be sufficient. 100 lbs., \$1.50; per ton, \$24.00.

### GARDEN VEGETABLE COMPOUND.

Where applied, vegetables ripen ten to fourteen days earlier, and the increased production is usually one-third to one-half larger than when it is not used. It is put up in bags of 100 to 200 pounds, odorless, clean to handle and reasonable in price. 50 lbs., \$1.50; 100 lbs., \$2.75; 200 lbs., \$4.50.

### GARDEN CITY SUPER-PHOSPHATE.

This is a complete manure. Can we say more than this? The more inquiries you make and the more you investigate this fertilizer, the more readily you will use it. Use 200 or 300 pounds per acre. 100 lbs., \$2.00; 200 lbs., \$3.50.

### CELERY GROWER.

A new, carefully prepared manure, especially adapted for celery growing. It is chemically suited to this crop, which demands high manuring. 50 lbs., \$1.25; 100 lbs., \$2.00; 200 lbs., \$3.50.

### CHICAGO LAWN FERTILIZER.

10 lbs., 35c; 25 lbs., 75c; 50 lbs., \$1.50; 100 lbs., \$2.75.

### JADOO—Fibre.

**A New Potting Material in which Every Plant Thrives without Earth.**

It is cleaner than earth, half as light, is spongy and requires watering only half as often. Worms cannot exist in it—no soil to mix—no manure required. Seeds germinate in it more quickly than in earth. Price, by freight or express, not prepaid, 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.10. Bag (about 120 lbs.), \$3.60.

### JADOO—Liquid.

Revives drooping plants, strengthens the weak and nourishes the strong; above all, it gives health, increases the size, causes greater profusion of bloom and heightens the color of both foliage and flowers. Can be used on plants grown in Fibre, and for watering plants grown in earth it is the *cheapest of all fertilizers*. Add forty-eight parts of water to one part of Jadoo liquid. Mix and use. Price, by freight or express, not prepaid: Pint bottle, 25c; case of 24 pints, \$3.50; 2 gals. in jacketed can, \$1.50; 5 gals. in jacketed can, \$3.75.

## FERTILIZERS.—Continued.

### FLORISTS' PLANT FOOD.

An application of this plant food will be observed in the vigorous growth of the flowers and a deep green foliage. 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$4.00.

### BOWKER'S PLANT FOOD.

For all pot plants. Clean, odorless, effective. Directions for use with each box. Two sizes, each, 15c and 25c. By mail, each, 25c and 40c. Small, doz., \$1.15. Large, doz., \$2.15.

Nitrate of Soda. 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50.

Peruvian Guano. Guaranteed pure. 5 lbs., 40c; 10 lbs., 70c; 50 lbs., \$2.75; 100 lbs., \$5.00. Prices will be quoted on larger lots.

Land Plaster or Gypsum. Bbl. (about 350 lbs.), \$2.00; 5 bbls. for \$9.00. Write for price in large quantity.

## INSECTICIDES, FUNGICIDES, ETC.

### SLUG SHOT.

One of the cheapest and most popular insecticides. It kills potato bugs, currant, gooseberry and cabbage worms, melon, squash and cucumber bugs—in fact, every pest known to the gardener. Contains nothing in the least injurious. 5 lb. package, 30c; 10 lb. package, 50c; bbl. (225-260 lbs.), 4c per lb. Tin canisters, with finely perforated top for dusting (filled), 25c each; by mail, prepaid, 40c.

### PEROXIDES OF SILICATES.

A sure protection against the ravages of all Insect Pests that destroy the growing crops. When mixed with the Fertilizer it will destroy all grubs and worms in the soil. It kills the Colorado beetle or potato bug, the cabbage worm, etc. *Absolutely safe*. No danger of poisoning your stock. Price: 5 lbs., 30c; 10 lbs., 50c; 100 lbs., \$4.50; bbl. (225-260 lbs.), 4c per lb.

Hellebore Powder. Kills currant worms, rose slugs, etc. 1/2 lb., 30c; lb., 50c postpaid. Not prepaid, lb., 30c; 5 lbs. for \$1.00.

INSECT POWDER, Dalmatian or Persian. Destroys ants, fleas and all noxious insects. 1/4 lb., 25c; 1/2 lb., 40c; lb., 75c; not prepaid. (Postage, 16c per lb. extra.)

Paris Green. Pure stock. 1/4 lb., 15c; 1/2 lb., 25c; lb., 40c. (By mail, add 16c per lb. for postage.)

Tobacco Dust. Cheaper than snuff. A sure remedy for green fly. 1 lb., 10c (by mail, 25c); 5 lbs., 25c; 100 lbs., \$2.00, not prepaid.

Tobacco Stems. For fumigating greenhouses, etc. Good to mulch Rose and Lettuce beds. An excellent fertilizer and protector to the lawn in winter. 10 lbs., 50c; bbl., \$1.00; bale of about 250 to 400 lbs., 1c per lb.

Tobacco Extract, Rose Leaf. A positive remedy for insects in greenhouse and conservatories. Used in various ways. Directions on package. Pint, 30c; qt., 50c. Gal., \$1.50; 5 gals., \$5.00.

Whale Oil Soap. Pure, fresh. Kills insects and their eggs; good wash for fruit trees. Dissolve 1 lb. in five gallons of water, apply with a syringe or force pump. 2 lbs., 25c; 5 lbs., 50c; not prepaid. Postage required, 16c per lb.

Tobacco Soap. Most effective in cleansing plants and trees infested with red spider, oleander bugs (scale) and rose slugs. Box, sufficient to make 5 gals. of wash, 25c. By mail, 35c.

Nicoteen. A Liquid Insecticide. One of the most powerful and satisfactory in use. It is much more preferable than the crude tobacco extracts usually sold. Pint, \$1.50.

## REMEDIES FOR MILDEW, ETC.

Bordeaux Mixture. For black rot, mildew of grapes, potato rot, leaflight of cherry, pear and other trees, etc. 1 quart can (will make 35 gallons liquid) 35c. Doz., \$2.25.

Copperdine. Prevents rust on carnation plants, mildew, black rot, etc. Dilute 1 pint to ten gallons of water. Apply with sprayer. Price, one gallon, \$1.50.

Flour of Sulphur. For destruction of mildew on roses, etc. Blow it over the plants with a sulphur bellows. Lb. 10c; 10 lbs., 60c; 25 lbs., \$1.50; 50 lbs., \$2.50.

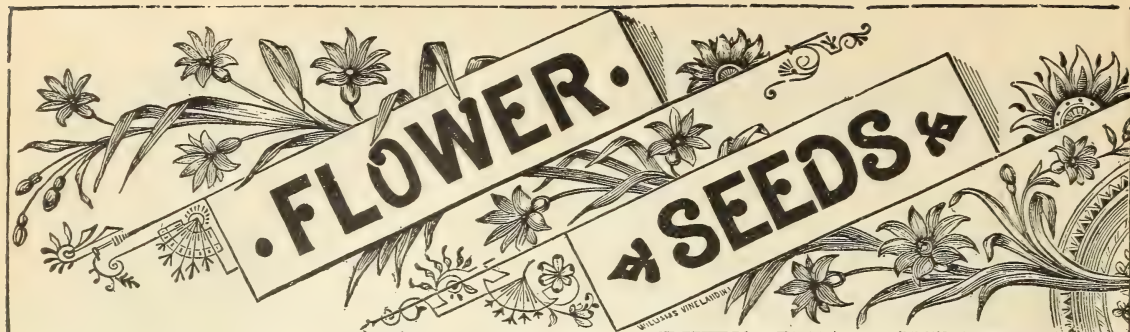
Grape Dust. Preparation for destroying mildew, mold or rust either in greenhouse or open air. 5 lb. package, 35c.

For Bellows and Powder Gun to apply above, see page

## HARDWOOD UNLEACHED ASHES.

An excellent fertilizer containing all elements except Nitrogen. Per bbl., \$2.75.





### GENERAL CULTURAL DIRECTIONS:

**M**OST flower seeds germinate well in a rather light sandy loam, exposed to the sun, while a few are benefited by partial shade, and some do best with an element of clay finely mixed with the soil. Nearly all the hardy seeds vegetate better when planted in early spring as soon as the soil can be worked fairly easily.

A general rule for the seed-bed is to have the soil rich, level and worked very finely. Sow the seed evenly in the rows, cover with the finest of soil, about three times the diameter of the seed, and press the soil firmly over the seed. The soil should never become dry after the seeds have swelled, for if it does, they will be pretty sure to fail. For this reason it is best to sow most small seeds in shallow boxes 2 to 3 inches in depth and of any convenient size, that the surface of the soil may be kept properly moistened.

After the seeds are up, care must be taken to give them plenty of air and moisture, and yet not too much water, or they will "damp-off" (rot at the top of the ground). As soon as the second leaves are well out they should be transplanted into pots or new boxes. When finally transplanted to the bed or border they should be watered frequently until well established.

**ANNUALS** grow, bloom and die the first year from seed. They are all of easiest culture.

**BIENNIALS** flower the second year, sometimes the third, then die. Some bloom the first year.

**PERENNIALS** usually bloom the second season and continue in life several years.

In this catalogue we abbreviate the classifications as follows:

A to designate Annuals.	E for Everlastings.
B for Biennials.	C for Climbing Plants.
P for Perennials.	G. P. for Greenhouse Plants.

**As to hardiness:** H, hardy, H H, half-hardy, T, tender.

**PLEASE ORDER FLOWER SEEDS BY NUMBER** as it will save time in writing  
—and also in filling the order.—  
**ALL FLOWER SEEDS** will be sent prepaid at prices mentioned in this Catalogue.

**DISCOUNTS.** All purchasers of flower seeds in packets and ounces are entitled to liberal discounts. See top of order sheet and page ... of catalogue.

**SIZE OF PACKETS.** Our packets are well filled, so much so that they usually contain sufficient for two or more sowings.

### SEEDS FOR SPECIAL PURPOSES

The following list will be found useful in making selections of suitable varieties for a given object.

#### LOW GROWING PLANTS

##### For Beds and Edgings.

Ageratum, Alyssum, Browallia, California Yellow Bells, Calliopsis, Campanula, Candytuft, Chrysanthemum, Daisy, Dianthus or Pinks, Escholtzia, Feverfew, Forget-me-not, Godetia, Heliotrope, Mignonette, Marigold (dwarf), Nasturtium (dwarf), Pansy, Phlox Drummondii, Poppy, Portulacca, Torenia, Verbena, Violets, Zinnia (dwarf).

#### CLIMBING PLANTS

##### For Porches, Etc.

Adlumia, Balloon Vine, Canary Bird Flower, Cobaea, Cypress Vine, Dolichos, Moonflower, Nasturtium (tall), Scarlet Runner Beans, Sweet Peas, Thunbergia.

##### For Fragrant Flowers.

Sweet Alyssum, Candytuft, Carnation, Four O'clock, Heliotrope, Mignonette, Pansy, Nasturtium, Stocks, Sweet Pea, Verbena, Violet, Wallflower.

#### FOR BOUQUETS.

14 Pkts.

"ONLY A QUARTER."

Sweet Alyssum. Agathe. Ageratum, mixed, Balsam, double mixed. Calliopsis. Carnation, Margaret. Candytuft. Convolvulus, Minor. China Pinks. Nasturtium, tall. Pansy, mixed. Sweet Peas, mixed. Zinnia, mixed. Price, the entire 14 pkts., 25c.

Here are fourteen choice annuals, easily grown, the best for cutting for bouquets. Aster, good mixed.

#### TALL GROWING PLANTS

##### For Backgrounds and Centers.

Abutilon, Adonis, Antirrhinum, Aquilegia, Aster, Balsam, Calendula, Canna, Castor Bean, Datura, Delphinium, Hollyhock, Helianthus or Sunflower, Lupins, Marigold, Mirabilis or Four O'clock, Nicotiana, Perilla, Salvia, Stocks, Sweet Williams, Zinnias.

#### FOR CONSTANT BLOOM.

Sweet Alyssum, Candytuft, Carnation, Celosia, Escholtzia, Nasturtiums, Petunias, Phlox Drummondii, Pinks, Portulacca, Sweet Peas, Verbena, Zinnia.

#### For Vases and Baskets.

Abronia, Alyssum, Gilia, Kenilworth Ivy, Lobelia, Mairandia, Mimulus, Nasturtium Lobb's, Nierembergia, Schizanthus, Sedum, Vinca, Verbena.

#### WILD FLOWER GARDEN MIXTURE.

These mixed flower seeds embrace more than a hundred varieties of such easy growing and pretty flowers as are suitable for forming a wild flower garden. They are very useful for woodlawn walks, roadsides, railroad embankments and for sowing alongside of fences, and on any untidy bare spots of ground which are so frequently unsightly and which, if properly cared for and kept free from weeds, produce a continual display of bloom during the summer. Pkt., 5c.; oz., 25c.

**For the Latest Novelties and Recent Introductions see front pages.**



# GENERAL LIST OF FLOWER SEEDS



AGERATUM.

## AGERATUM.

A plant of neat erect, bushy appearance; long bloomer, fine for bouquets. H. H. A

- |                                 |      |
|---------------------------------|------|
|                                 | Pkt. |
| 2017 Dwarf Blue, 9 in . . . . . | 3c.  |
| 2022 " White, 9 in . . . . .    | 3c.  |
| 2023. " Mixed, 9 in . . . . .   | 3c.  |
| 2024 Tall Blue, 18 in . . . . . | 3c.  |
| 2025 " White, 18 in . . . . .   | 3c.  |
| 2032 " Mixed, 18 in . . . . .   | 3c.  |

## AMARANTHUS.

Rapid growing plants They have handsomely colored foliage and are very showy in large beds. Sow seed early and set out in rather poor soil in May or June to get best effects in color. H H A.

2033. **Caudatus.** (Love Lies Bleeding.) Long, dark, red drooping flower spikes. 2 to 3 feet. Pkt., 3c.

2038. **Salicifolius.** (Fountain Plant.) Drooping, willow-shaped leaves, handsomely variegated. 3 ft. Branches out freely Pkt., 5c.

2039 **Tricolor.** (Joseph's Coat.) Leaves bright red, yellow and green. 2 ft. Pkt., 3c

2040 **Many varieties mixed.** Pkt., 3c.

## AMPELOPSIS VEITCHII.—(JAPANESE OR BOSTON IVY.)

2045. A hardy perpetual woodbine climber from Japan. Leaves small, deeply cut, olive-green, changing to bright scarlet in autumn. Pkt., 10c.

For prices of Plants see "Climbing Plants

## ANEMONE.—(WINDFLOWER)

2046. Easily grown from seed, blooms in autumn. Bulbs may be taken up and stored during the winter like Dahlias H. P. Pkt., 5c

## ANTIRRHINUM.—(SNAPDRAGON)

Showy flowers for cutting The dwarf sort make pretty edgings, and both kinds bear a mass of flowers H. P. but blooms first year

2047. Tall, Mixed, 2 ft  $\frac{1}{4}$  oz., 15c. Pkt., 3c.

2048. Dwarf, Mixed, 18 in  $\frac{1}{4}$  oz., 20c. Pkt., 3c.

## AQUILEGIA.—(COLUMBINE.)

Splendid for bouquets. Curiously shaped beautiful flowers. Blooms very early. 2 ft H. P.

2049. **Chrysantha.** Bright golden yellow. Pkt., 5c.

2050. **Corulea.** Violet blue and white. Pkt., 10c.

2051. **Single.** All colors mixed. Pkt., 3c.

2056 **Double.** All colors mixed. Pkt., 3c.

2000 **ABRONIA.** Trailing plants with Verbena-like fragrant flowers. In beds sometimes one plant covers a yard square and is full of bloom Best colors mixed H. H. A. Pkt., 5c

2001 **ABUTILON.** Fine house plant for winter blooming Bell-shaped flowers H. H. P. Pkt., 10c

2002 **ADONIS.** Hardy bedder Crimson. Blossoms throughout the season. Foliage is graceful and feathery. Height 1 ft A. Pkt. 3c

2007 **ADLUMIA.** (*Allegheny Vine.*) Likes shade. Pink and white flowers. Fern-like foliage Cl. Pkt., 5c



LOVE LIES BLEEDING.

## SWEET ALYSSUM.

2057 An old favorite as easily grown as a weed. Thrives in flower gardens, window boxes, vases, etc. Flowers white, very fragrant, valuable for cutting, 9 in H. A. Oz., 25c. Pkt., 3c.

## ALYSSUM, Little Gem.

2058 This variety grows about six inches in height. Flowers pure white, fragrant, borne in profusion. Suitable for edgings and low beds. More than four hundred clusters of flowers in full bloom have been counted on a single plant.  $\frac{1}{2}$  oz., 20c.; Pkt., 5c.

2068. **Saxatile.** Golden yellow flowers. Blooms in spring. H. P. Pkt., 5c.

## Agathea.—(BLUE DAISY.)

2022. In appearance is exactly like the Marguerite or Paris Daisy, except its flowers, which are sky-blue with yellow disc. Easily grown, free blooming and valuable for culture as a winter flower. H. A. Pkt., 5c



AQUILEGIA.



# ASTERS.

Seed saved from double flowers only. These popular annuals can be relied upon for a grand display of exceedingly graceful and handsomely formed flowers in the fall months when the beauty of other kinds is passing away. In this revised list we include the newest and best.

## IMPROVED VICTORIA ASTERS.

The most handsome of all Asters, having large, double globe-shaped flowers. Plants grow about twenty inches high, each one carrying from ten to twenty flowers. *Our strain of seed is of unexcelled quality.*

2069. **White.** Pkt., 10c. 2076. **Light Blue.** Pkt., 10c.  
 2070. **Rose.** " 10c. 2077. **Dark Blue.** " 10c.  
 2071. **Carmine.** " 10c. 2078. **Crimson.** " 10c.  
 2079. **Finest Mixed,** all the above and others. " 10c.  
 2080. **Imported Collection,** six distinct colors 35c.

## NEW JAPAN ASTER.

2081. A distinct and novel form of flower, resembling somewhat a tassel. Plants grow eighteen inches high, bloom freely; well developed flowers measure from four to five inches across, and are of an attractive light flesh color. Our illustration shows the needle-like, wavy and twisted petals. Pkt., 15c.

2082. **NEEDLE ASTERS.** Petals resemble quills or needles. Height two feet. Mixed colors. Pkt., 10c.

## MIGNON ASTERS.

Half dwarf in habit, height fourteen inches. The flowers resemble those of the Victoria in form, but are smaller. A favorite Aster for cut flower work and much used by florists. Blooms almost continuously.

2083. **Pure White.** Pkt., 10c.  
 2084. **Mixed.** Will bring a large variety of colors. Pkt., 10c.

## PERFECTION ASTERS.

TRUFFAUT'S PÆONY-FLOWERED PERFECTION.

One of the finest Asters; perfect in form. The flowers are large, of beautiful colors, incurved like a Pæony. Plants grow about two feet high, stout and vigorous.

2085. **Pure White.** Much used by florists. Pkt., 7c.

2091. **Rose.** A bright shade. Pkt., 7c.

2092. **Blood Red.** Most striking color. Pkt., 7c.

2097. **Light Blue.** A soft and pretty shade that is much sought after. Pkt., 7c.

2098. **Dark Blue.** While dark not dull; desirable for bouquet making. Pkt., 7c.

2100. **Dark Crimson.** A deep rich color. One of the best of this class. Pkt., 7c.

2102. **La Superbe.** Sky-blue, tipped white. Truly a superb flower. Try this. Pkt., 7c.

2107. **Mixed Colors.** Great variety of color. Pkt., 5c.

2112. **Collection of Six Distinct Colors.** Each put up separate, 25c.

2123. **SPECIAL MIXTURE OF TALL ASTERS.** Made up of the most desirable colors of Victoria, Perfection, Crown, Mignon and others. Try this splendid mixture for a handsome bed of tall Asters. Pkt., 5c.; 1/8 oz., 75c.



CHICAGO FLORISTS' WHITE ASTER.

## CHICAGO FLORISTS' ASTER

2124. **Snow White.** This is a favorite sort with our local florists. It is a cross between Victoria and Perfection, and its snow white flowers borne on long stems are unequalled for cutting. They command the highest price as cut flowers. Pkt., 10c.

2125. **Mixed.** White, pink, etc. Pkt., 10c.

## CROWN OR COCARDEAU.

2126. Center of flower always white, outside petals of various colors. Very showy. Two feet. Mixed colors. Pkt., 7c.



CROWN ASTER.



JAPAN TASSEL ASTER



**ASTERS...CONTINUED.****COMET ASTER.**

They are much admired on account of their large flowers composed of long, wavy or curled petals, arranged into loose, yet perfect half globes. Being borne on long stems gives them an added value when cut for vases. Height eighteen inches

2127. **Pink Bordered White.** Pkt., 10c.  
 2133. **Deep Rose.** Very showy. Pkt., 10c.  
 2134. **Light Blue.** A pleasing shade. Pkt., 10c.  
 2135. **Snow White Giant.** Very large flowers borne on long stiff stems. One of the best. Pkt., 10c.  
 2136. **Mixed.** All above and others. Pkt., 10c.

**WHITE PLUME ASTER.**

2137. This is similar to a Comet Aster. Its petals are long, flat and reflexed. Makes an excellent cut flower. Pkt., 10c.

**DWARF QUEEN ASTERS.**

Splendid cutting variety. The largest and best Aster of the dwarf class. Height twelve inches.

2138. **White.** 2139. **Crimson.**  
 2145. **Mixed.** Each, pkt., 10c.; 3 pkts. for 25c.

**DWARF BOUQUET ASTERS.**

A charming class. Plants grow about eight inches high, each one forming a neat bouquet. The best variety for lines and edgings.

2146. **White.** Pkt., 5c. | 2161. **Pink.** Pkt., 5c.  
 2156. **Crimson.** Pkt., 5c. | 2162. **Dark Blue.** Pkt., 5c.  
 2167. **Mixed Colors.** Pkt., 5c.

**Snowball or Princess Aster.**

2172. A variety having very short, thick petals, making a flower resembling a dwarf or Pompon Dahlia. A single plant will produce twenty-five or more flowers and continues a long time in bloom. Pkt., 10c.



BRANCHING ASTER.



COMET ASTER

**TRIUMPH ASTER.**

2173. As the Queen is the largest, so the Triumph is the most beautiful of dwarf Asters. Color, rich, deep scarlet. Height eight inches; each plant made up of a dozen or more branches. Pkt., 7c.

**2 BIG BARGAINS**  
...IN...

**Tall Asters.** One package each Victoria mixed, Japan Tassel, Needle, Mignon mixed, Perfection mixed, Chicago Florists' mixed

and Crown; value 72c. for 50c. net. *No other discount*  
**Dwarf Asters.** One package each Comet mixed, White Plume, Queen, Bouquet, Snowball and Triumph; value 52c. for 40c. net. *No further discount.*

**Late..... Blooming Branching Asters.**

LENGTHEN THE SEASON UNTIL FROST.

**Semple's.** An American grown Aster, which, by constant and careful selection, has attained high excellence. Plant of robust growth, about two feet in height, branching out as shown in illustration and bearing on long stems large, handsomely formed flowers. We offer three distinct colors:

2174. **White.** Pkt., 10c. | 2180. **Lavender.** Pkt., 10c.  
 2179. **Pink.** Pkt., 10c. | 2185. **Mixed.** Pkt., 10c.

**Vick's Branching Aster.** Quite distinct from Semple's. The flowers, four inches across, stand erect on long stems, and as there is no stiffness about them they are very graceful and are often taken for Chrysanthemums.

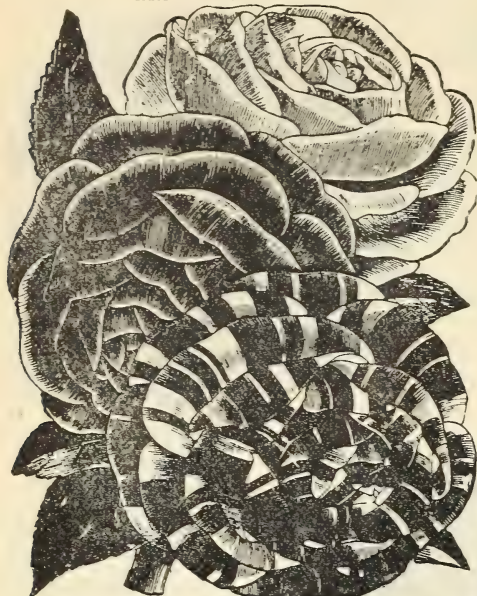
2190. **White.** Petals curled and twisted. Pkt., 10c.  
 2191. **Mixed Colors,** including above and others. Pkt., 10c.

**PERENNIAL ASTERS. (MICHAELMAS DAISIES.)**

2192. Single flowering, hardy plants, thriving anywhere. Sown early in spring will flower first season and remain in bloom many weeks. Pkt., 5c.

2193. **SPECIAL MIXTURE OF DWARF ASTERS.** Suitable for either pot or garden culture. All the desirable varieties and most showy colors. Just what is required for a handsome flower bed. We highly recommend this mixture.  $\frac{1}{8}$  oz., 75c.; pkt., 5c.





CAMELLIA FLOWERED BALSAMS.

## Begonias.

As bedding plants there is nothing to equal the Tuberous Rooted Begonia. They bloom equal to the geranium, but with a form and variety of colors and shading equal to the rose.

Tuberous Rooted Begonias are easy to grow from seed, and if sown in February or March bloom the same year. They carry a profusion of scarlet, pink and white flowers and make a grand bed in a somewhat shady place. For winter plants sow in August.

2226. Single. Mixed. Pkt., 20c.

2227. Double. Mixed. Pkt., 20c.

### FIBROUS ROOTED.

2232. *Begonia Rex*. Grown for their large, beautiful, ornamental leaves. Unexcelled as window plants. Pkt., 20c.



CANDYTUFT EMPRESS.

## ...BEGONIA VERNON...

2237. No summer bedding plant of winter window bloomer comes more readily from seed and is so constant in flower as this. It stands the hottest sun, is at all times covered with blood red flowers, while its dark green waxy-like foliage makes a pleasing contrast. Pkt., 10c.

For Begonia Bulbs see Bulb Department.

2238. *CALANDRINIA Umbellata*. Beautiful creeping plants, adapted for planting in rock-work or edgings. Bright crimson. Six inches. H. A. Pkt., 3c.

## \*—CANDYTUFT—\*

A dwarf growing annual, for edgings and beds; indispensable for cut flowers. Sow early where plants are to bloom. Keep seed heads picked off. Grows about one foot high.

2242. Carmine. Pkt., 5c.

2243. Crimson. Pkt., 5c.

2260. EMPRESS. White, with large flowers. Pkt., 7c.

2255. *Sempervirens*. Perennial; glossy leaves, white; six inches. Pkt., 5c.

2244. White Rocket. Tall flower spikes. Pkt., 5c.

2249. Dwarf White. Pkt., 5c.

2254 Mixed. 1/4 oz 10c. pkt. 3c.

# ..BALSAMS..

Showy annuals that are universal favorites. To grow these to perfection, start the seed in house or hot bed, subsequently transplanting into very rich soil in the garden. Set about fifteen inches apart. Stimulate by weekly applications of manure water.

## Improved Camellia-Flowered Balsams.

The best of all Balsams. Flowers very large, perfect in form, as double as the Camellia and produced in abundance.

Any of the following separate colors pkt., 7c.:

- |  |  |
|--|--|
| 2200. Scarlet.   | 2202. Yellow.  |
| 2201. Crimson.   | 2203. Solferino. White with scarlet spots and stripes. |
| 2206. White.   |  |
| 2207. Mixed. Many colors   | Pkt., 5c.  |
| 2208. WHITE PERFECTION. Very large double, pure white flowers. Finest White Balsam in cultivation. | Pkt., 5c.  |
| 2209. CARNATION STRIPED. Marked and striped like Carnations  | Pkt., 5c.  |
| 2210. Double Balsams. Mixed.   | 1/2 oz., 35c.; pkt., 5c.                               |

## BALLOON VINE.

2213. Rapid growing annual. Reaches five feet if grown on warm soil. Flowers white. Pkt., 3c.

## \*—BROWALLIA—\*

2214. Annual, suitable for bedding in summer and house culture in winter. One and one-half ft. Mixed. Pkt., 3c.

2215. *CACALIA*. The Tassel-flower. Prized for bouquets. Easily grown. One and one-half foot. H. A. Pkt., 3c.

## \*—CALCEOLARIA—\*

Prized as among the most showy plants for house culture. They are in bloom about three months and have curious pocket-like flowers in various colors. Eighteen inches. T. P.

2239. Tall. Mixed. Pkt., 25c.

2240. Dwarf. Mixed. Pkt., 25c.

2241. *Rugosa*. For bedding. Pkt., 25c.

## UMBRELLA PLANT.

*Cyperus Alternifolius*.

2265. A strikingly handsome foliage plant, equally well adapted for the greenhouse or open ground, and easily raised from seed. The leaves are striped with white, giving the plant a distinct appearance. Pkt., 10c.



BEGONIA VERNON.



# CARNATIONS

Are prized for their delightfully fragrant and lovely flowers. They are valuable for flower beds in summer and as winter blooming house plants. Eighteen inches. H. H. P.

## ◀ BLOOMING THE FIRST SEASON ▶

### MARGARET CARNATION.

2267. These lovely Carnations are of dwarf habit, requiring no support. They *bloom in about four months after sowing the seed*, yielding a profusion of fragrant fringed flowers, white, red, pink, variegated and others. By lifting the plants in fall or repeated sowings flowers may be had all winter. Mixed.  $\frac{1}{8}$  oz., 25c.; pkt., 5c.

2266. **Pure White.** Pkt., 5c.

### GIANT MARGARET.

A greatly improved strain, producing double flowers three inches across. There is also a greater variety of colors, while the semi-dwarf habit and fragrance is retained. Mixed. Pkt., 10c.

2272. **Chaubaud's Perpetual.** Blooms in seven months. Large, sweet-scented flowers, in same colors as Margaret. Height, sixteen to twenty inches. Pkt., 10c.

2273. **Guillaud.** Selected from the Margaret. In this strain are found clear yellow and yellow striped flowers. Pkt. 10c.



MARGARET CARNATION.

## CARNATIONS BLOOMING THE SECOND SEASON.

2278. **Grenadin.** Very early. Dwarf habit. Scarlet flowers; splendid for cutting. Endures the winter with slight protection. Pkt., 5c. 2292. **White.** Pkt., 10c.

2279. **Perpetual or Tree.** Fine for winter flowering. Pkt., 15c.

2280. **Double Dwarf Vienna.** The earliest garden sort. White, sweet-scented flowers. Pkt., 10c.

2285. **PICOTEE.** Fine double mixed. Flowers white or yellow, bordered with purple, red or rose. Pkt., 25c.

2290. **CARNATIONS.** Double finest mixed. This seed will give very favorable results. Pkt., 10c.

2291. **Fine Mixed.** A small percentage will come single. Pkt., 5c.



## Canary Bird Flower

2300. A beautiful climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. Pkt., 5c.

## CALENDULA.

Of easiest culture. **Excellent for bouquets.** H. A. Twelve inches.

2320. **Meteor.** Double yellow, striped with orange. Pkt., 3c.

2325. **Prince of Orange.** The best double Marigold. In general it is similar to Meteor, but much darker in color. Pkt., 3c.

2326. **Fine Mixed.** Pkt., 3c.



CELOSLIA—TRIUMPH OF THE EXPOSITION.

## Canterbury Bells.

Campanulas thrive in light, rich soil. Worthy a place in every garden. Rich, showy flowers. Two and one-half feet. B.

2367. **Double.** Pkt., 3c.

2368. **Single.** Pkt., 3c.

2369. **Cup and Saucer.** So called from the very large handsome flowers which resemble these household articles. Rose, striped and others mixed. Pkt., 5c.

## Celosia or Cockscomb.

Excellent bedding or pot plants, producing their flowers in combs and feathery spikes. H. H. A.

2373. **Crested, crimson.** Tall, two feet. Pkt., 5c.

2374. **Crested, crimson.** Dwarf, one foot. Pkt., 5c.

2375. **Crested, mixed sorts.** Pkt., 5c.

2376. **PRESIDENT THIERS.** Very dwarf. Crimson. Much used in bedding. Fine pot plant. Pkt., 10c.

2377. **Empress.** Crimson comb of colossal size. Pkt., 10c.

2378. **Triumph of the Exposition.** Feathery flower heads of brightest scarlet. Blooms early and the entire season. 2 feet. Pkt., 5c.





DOUBLE CORNFLOWER.

### CANNA.

Cannas within recent years have become most popular. They are stately plants with handsome foliage and showy flowers. The seeds are extremely hard and it is advisable to file through the hard outside covering; soak in warm water several hours before planting. Comes readily from seed; that sown early will give blooming plants the first season. The roots may be wintered in the cellar—the same as Dahlias. H. H. P.

2425. **New Dwarf French.** The easiest grown and have much larger flowers than those of the old type. Saved from earliest blooming and handsomest varieties. Pkt., 10c.

2426. **Splendid Mixture** of best old sorts. Pkt., 3c.

## CHRYSANTHEMUMS.

Exceedingly showy and popular plants for garden and house. No other annual furnishes so many cut flowers. The annual varieties make splendid garden plants and are quite distinct from the Autumn flowering class. 12 to 18 inches.

### ANNUAL VARIETIES.

2428. **Coronarium**, double yellow. (See cut.) Pkt., 3c.

2429. ——— white. Pkt., 3c.

2430. **Lord Beaconsfield.** Single crimson maroon, edged with gold. 18 inches. Pkt., 3c.

2431. **INODORUM FL. PL.** Double snow white flowers. Splendid for cutting. 2½ ft. Pkt., 5c.

2432. **Golden Feather.** Single. Foliage yellow. White with a crimson ring. 15 inches. Pkt., 3c.

2433. **ECLIPSE.** Golden yellow, scarlet ring; centre dark brown, very fine. Pkt., 3c.

2434. **Single Annual Varieties**, Mixed. Pkt., 3c.

2439. **Double Annual Varieties**, Mixed. Pkt., 3c.

2444. **Segetum grandiflorum.** Single yellow. Extensively used for pot culture. Pkt., 3c.



PARIS DAISY.

## CENTAUREA CYANUS.

An old favorite annual, also known as Bachelor's Button, Corn Flower, Blue Bottle, etc. All of the easiest culture.

2398. **Cyanus FL. PL. (Double Cornflower.)** Large, double globe-shaped flowers in new and beautiful colors. Pkt., 5c.

2399. **Cyanus (Bachelor's Button, etc.)** In bloom all summer. Mixed colors in many shades. Pkt., 3c.

2400. **Moschata (Sweet Sultan.)** Fine for bouquets. 2 ft. Pkt., 5c.

2404. **Emperor William.** Dark blue, very fine. Pkt., 3c.

### WHITE LEAVED OR DUSTY MILLER VARIETIES.

Valuable bedding plants or for use in vases and hanging baskets. The silvery white leaves contrasting effectively with dark foliaged plants. H. H. P.

2401. **Candidissima.** Silver white, broader leaved than the others. 1 ft. Pkt., 10c.

2402. **Clementei.** Finely cut, drooping leaves. 1 ft. Pkt., 5c.

2403. **Gymnocarpa.** Strong grower, deeply cut foliage. 1½ ft. Pkt., 5c.

## CINERARIA.

A grand plant for the conservatory blooming in early spring. 1 ft. T. P.

2387. **Grandiflora.** Finest mixed. Pkt., 25c.

2388. **Grandiflora Nana.** Dwarf. Pkt., 25c.

2389. **Plenissima.** Double flowering. Pkt., 25c.

### BEDDING CINERARIAS.

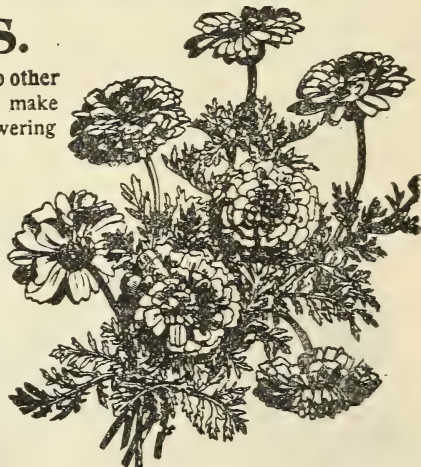
These are perennials and have silvery foliage.

2390. **Maritima.** Compact habit. 1 ft. Pkt., 5c.

2391. **Candidissima.** A variety of above with which foliage. 1 ft. Pkt., 5c.

**CLARKIA.** A well known Hardy Annual.

2415. **Single Mixed.** 3c. | 2416. **Double Mixed.** 3c.



CHRYSANTHEMUM CORONARIUM FL. PL.

### PERENNIAL CHRYSANTHEMUMS.

The following varieties are for pot culture, for blooming in the house in winter, and for florists for cutting for bouquets.

2447. **Frutescens.** Known also as "*Marguerite*" or *Paris Daisy*. Very popular with florists. Large white, star-shaped flowers. 2 to 3 ft. Pkt., 5c.

2448. **Maximum** (Ox eye Daisy.) Its snow white flowers are produced in great abundance, and as cut flowers they keep a long time in water. 2 ft. Pkt., 10c.

2446. **Hybridized Japanese and Chinese.** These are the celebrated sorts which bloom in the late Autumn and are seen at the annual shows. *Chrysanthemum* plants raised from seed bloom the first year. From the strain of seed we once have sprung in the past some of the most highly admired varieties of the time. The opportunity to add some distinct new candidate for prizes and honor among this class of plants will, we doubt not, be eagerly taken up by all lovers of this most fashionable flower. Pkt., 25c.



## CALLIOPSIS OR COREOPSIS.

Although these produce the most beautiful flowers, because they grow anywhere they are slighted. Few annuals give such an abundance of large, bright flowers of the **richest and most charming colors** through the entire season as do these.

2455. **Atkinsoni.** A beautiful biennial; blooming the first season. Yellow and brown. Splendid for bouquets. 2 ft. Pkt., 3c.  
 2460. **Bicolor.** Golden yellow; centre brown; 1½ ft. Pkt., 3c.  
 2461. **Coronata.** Bright yellow flowers of large size. 1 ft. Pkt., 3c.  
 2466. **Drummondii. (Golden Wave.)** Plant bushy and compact, flowers yellow with circle of rich crimson-brown around the eye. For a mass of golden yellow this is very effective. Pkt., 5c.  
 2473. **Nigra.** Darkest of any. 1½ ft. Pkt., 3c.  
 2478. **Annual Sorts.** Mixed. Pkt., 3c.  
 2479. **Lanceolata. Hardy perennial.** Plants tall, 2 to 3 ft., flowers large, and of a bright golden yellow, are borne in great profusion. One of the most valuable of our summer flowering herbaceous plants. Excellent for cutting. If sown early they will flower the first season. Pkt., 5c.

### CASTOR BEANS. See RICINUS.

2494. **COLLINSIA.** Splendid for massing in beds or for bordering. Many colors mixed. H. H. A. Pkt., 3c.  
 2445. **CLEMATIS, Large Flowering.** Beautiful climber with lovely flowers in blue, white, purple, etc. Hardy, can remain in a permanent situation. Mixed. Pkt., 10c.

For Clematis Plants—see list of Hardy Climbing Plants.

### CLEOME PUNGENS.

(THE GIANT SPIDER PLANT.)

2507. This is a valuable honey producing plant and a **perpetual bloomer**. The flowers are bright rose-color. The long, slender seed pods reaching out in every direction are carried on long slender stamens, giving the effect of a **many legged spider**. H. H. Pkt., 5c.

## COSMOS.

Plants 4 to 6 ft. high, with fine feathery foliage, the flowers resembling the single *Dahlia*, though smaller, of all shades of rose, purple and pure white, are abundant late in the fall—September to November. Started early in April in a box, and planted out in May, they will flower before frost, and if taken inside will flower freely, until the first of December; fragrant. For cutting this is one of the finest flowers grown. A.

### MAMMOTH PERFECTION COSMOS.

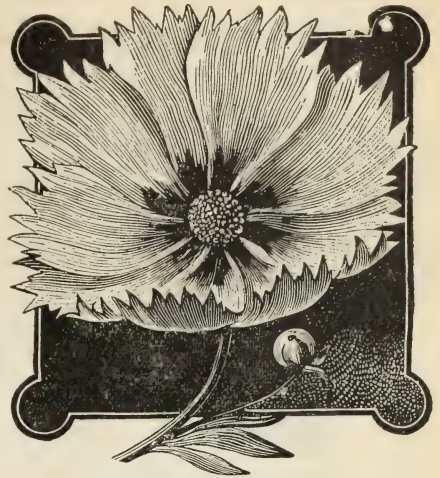
2513. The flowers of this magnificent strain are double the size of the old *Cosmos*. Colors, white, pink or crimson. Mixed. Blooms very early. Splendid sort for pot culture in the house. Whatever you neglect the coming season, you should surely plant Mammoth Perfection *Cosmos*. Pkt., 10c.

2514. **Cosmos.** White. Valuable for florists. Pkt., 5c.

2515. **Best Colors Mixed.** Pkt., 5c.



COSMOS.



CALLIOPSIS—GOLDEN WAVE.

## COBÆA SCANDENS.

2499. Magnificent, rapid growing annual climber with large bell shaped purple flowers, adapted for out-door growth in summer also for the house and green house. A thrifty plant will often grow 20 to 30 ft. in one season. The seed should be planted edge down, and no water given unless in a warm place, and the soil becomes very dry. H. H. P. Pkt., 5c.

2504. **Cobæa Scandens.** White. Pkt., 5c.

2505. **CUPHEA Platycentra. (Cigar Plant.)** Flowers scarlet, tipped with black. A favorite bedding and pot plant. T. P. Pkt., 10c.

2506. **CLIANTHUS Dampieri.** The "Australian Glory Pea." A beautiful shrubby trailer. Flowers pea-shaped, in clusters, bright scarlet with clear, glossy black centre. Decidedly one of the most handsome flowers we know. 3 ft. H. H. A. Pkt., 15c.

## COLEUS.

Handsome foliage plants **most easily grown from seed** and very popular for bedding also for pot culture. The new, large leaved Hybrids with foliage notched and fringed in the most wonderful manner are an immense improvement on the other sorts. Seed sown early in the spring will produce fine plants for outdoor planting. T. P.

2508. **Finest Varieties in Mixture.** 1 to 2 ft. Pkt., 10c.

2509. **New Large-Leaved Hybrids.** Very large and superbly variegated foliage. Mixed. Pkt., 25c

## CYPRESS VINE.

(IPOMÆA QUAMOCUIT.)

2512. Popular climbing plant, with delicate fern-like foliage, star-shaped flowers, borne in clusters, just the thing to train on a veranda, over bird houses, etc. T. A. Mixed. Pkt., 3c.

### BARNARD'S

### PERPETUAL GREEN

## LAWN GRASS SEED.

We mix it ourselves and know every package—large or small—is the same. Lb., 25c.; 5 lbs. for \$1.00.

**If to go by mail, add 8c. per lb. for postage.**



CYPRESS VINE.



## CYCLAMEN.



Tuberous rooted plants of beautiful foliage and handsome, fragrant flowers, scarlet, pink, white and these in different shades. Universal favorites for parlor or greenhouse for winter and spring blooming. They make flowering bulbs in one season if sown early in sandy soil. Comes easily from seed, insuring a supply of bulbs at trifling cost. G. P.

2518. **Persicum.** Best mixed varieties. Pkt., 20c.

### GIANT FLOWERED CYCLAMEN.

A good specimen plant of this will frequently have fifty flowers open at one time. The leaves are proportionately larger, while the flowers are enormous, much brighter colored, and being on long, stout stems they are valuable cut flowers. Colors separate or mixed.

2522. **Light Red.** Pkt., 20c. | 2524. **White.** Pkt., 20c.  
2523. **Dark Red.** Pkt., 20c. | 2517. **Mixed.** Pkt., 20c.

## DAHLIA.

Tuberous rooted, fall blooming, outdoor plants, admired by everyone for their handsome flowers. Can be grown readily from seed which, if sown early in the house, will give blooming plants the same season. Colors, red, pink, white, yellow, purple, striped, variegated, etc. A packet of seed rarely produces two plants alike. Take up tubers soon as frost occurs in fall and preserve in a dry frost proof cellar. Two to four ft. H. H. P.

2525. **Double Large Flowered.** Sure to give splendid results. Pkt., 10c.

2526. **Single Mixed.** They make excellent cut flowers and are a mass of bloom all summer and fall. Star shaped flowers with broad petals in almost every color except blue. Pkt., 5c.

## DELPHINIUM.—(LARKSPUR.)

### Annual Varieties.

More commonly known as Larkspur. An old time annual of branching, erect habit, having showy flowers, red, white, blue, etc. Sow seed very early or even late in fall. Set branching sorts 2 feet apart. Rocket varieties, five or six inches apart.

2549. **American Banner.** Branching. Flowers crimson with stripes of indigo blue and white some petals dotted with blue. 2 ft. Pkt., 10c.

2550. **Hyacinth Flowered.** So called from their striking resemblance to a double Hyacinth. Habit compact. Colors white, delicate peach blossom, lavender and flesh tints. Mixed. Pkt., 10c.

2555. **Double Branching.** Valuable for cut flowers. Continues in bloom until cut down. Pkt., 3c.

2569. **Tall Rocket.** Mixed, fine. 1½ ft. Pkt., 3c.

2561. **Emperor.** Compact plant with numerous long spikes of brilliant double flowers; mixed. Pkt., 3c.

### Perennial Varieties.

These are valuable plants for the permanent bed or border. Furnishing an ample supply of flowers.

2562. **Formosum.** Dark rich blue with a white center. 2 ft. Pkt., 5c.

2567. **Nudicaule.** Scarlet, dwarf, abundant bloomer. Fine for flower beds or pot culture. 1 ft. Pkt., 10c.

2568. **Pillar of Beauty.** Sky blue; of so bright a shade it must be seen to be appreciated. Pkt., 10c.

## DOUBLE DAISY. (BELLIS PERENNIS.)

Charming plants indispensable for cool, shady places. Next to the Pansy the most popular garden flower. Seed sown early will give blooming plants in a short time. With protection Daisies will endure our winter and bloom in early spring. H. H. P.

2540. **Longfellow.** Double, dark pink flowers. Comes true from seed. Pkt., 5c.

2541. **Snowball.** A sport of Longfellow with pure white flowers. Free blooming and valuable for cutting. Pkt., 5c.

2542. **Double White.** Finest imported seed, saved from the most perfect flowers. A small proportion may come semi-double. Pkt., 5c.

2543. **Double Mixed.** An unsurpassed strain, including Longfellow and Snowball. Pkt., 5c.



DOUBLE DAISIES.

### GIANT FLOWERED DAISIES.

2544. Remarkable for the enormous size and doubleness of their flowers. They are at least **two or three times larger** than the ordinary Double Daisies. The plants are stronger, bloom **earlier** and for a greater period. In color they run from snow white to blood red through pink, rose, etc. Mixed. Pkt., 10c.

2545. **Giant White.** The **best** double white Daisy. Enormous **pure white** flowers on long, stiff stems, making it valuable for cutting. Pkt., 10c.

## DATURA.—(TRUMPET FLOWER.)

2527. Strong growing, branching plants, suitable for backgrounds and shrubberies. Trumpet-shaped flowers. White, lilac and yellow. Very showy. Mixed. Pkt., 5c.

2538. **Cornucopia.** (HORN OF PLENTY.) Leaves dark green, and the stem is brownish purple with a shining surface. The flower is trumpet-shaped, of immense size, often ten inches long and five inches wide at the mouth, with three cones or funnels, one within the other; the inside of tube of a delicate French white, marbled with royal purple on outside. Pkt., 10c.

### DIGITALIS.—(FOX GLOVE.)

Showy plants of easy culture, with umble-shaped flowers borne in spikes. Prefer half shady place. 3 ft. H. P.

2539. **Splendid Mixture.** Three feet. Pkt., 5c.



# Dianthus or Pinks.

Garden Pinks, like their relatives the Carnations, are flowers for everybody. They thrive in any soil, grow ten to fifteen inches high and are covered from early summer until overtaken by frost with beautiful sweet-scented flowers in various colors; variegated, striped, red, and some almost black. Splendid for bouquets. All bloom the first season, and some endure our winters, bloom again another year larger and more beautiful than before. With these good qualities they should have a place in every garden. H. B.

## Double Flowering Pinks.

2570. **China or India.** Large flowers as double and fragrant as a Carnation. Many colors mixed. Pkt., 3c.  
 2574. **China White.** Double white flowers. Pkt., 5c.  
 2579. **Double White Japan.** Splendid flowers for bouquets. Two to three inches in diameter. Pkt., 5c.  
 2584. **Japan Pink.** In this will be found many beautiful colors. Very large flowers. Mixed. Pkt., 5c.  
 2589. **Striped and Fringed.** Grand fringed flowers of light grounds, all of them striped with some other color. Pkt., 5c.  
 2594. **Imperial.** Blood red ground striped with pink and white. Different from other striped sorts. Pkt., 5c.  
 2604. **Diadem.** Rich flowers generally of dark shades marked with black and white. Pkt., 5c.  
 2609. **Mourning Cloak.** One of the most striking flowers. Flowers are very double, of large size and in colors range from maroon and purple to almost velvet black, all sharply edged with clear white, making a beautiful contrast. Pkt., 7c.

2610. **MIXTURE OF DOUBLE PINKS.** All the above double flowering pinks mixed.  $\frac{1}{4}$  oz., 15c.; pkt., 5c.

## SPECIAL OFFER.

2646. **Single and Double Pinks Mixed.** All the varieties described on this page will make a bed of beautiful flowers; scarcely two plants will be alike in bloom.  $\frac{1}{4}$  oz., 15c.; pkt., 5c.



MOURNING CLOAK.

2617. **MIXTURE OF SINGLE PINKS.** All the above single pinks in mixture.  $\frac{1}{4}$  oz., 15c.; pkt., 5c.

## Hardy Perennial Dianthus.

These form nice bushy plants twelve to eighteen inches high. They are unrivaled for permanent beds or edgings around borders. Flowers are fragrant and beautiful.

**Pheasant's Eye Pink.** Large, handsomely fringed, fragrant flowers of white, crimson or purple shades, spotted and variegated.

2618. **Single.** Pkt., 5c. | 2623. **Double.** Pkt., 10c.

## Dolichos or Hyacinth Bean.

2628. A rapid growing annual climber, desirable for covering arbors, porches, trellises, etc. Flowers purple and white. Its seed pods are purplish in color, highly ornamental and edible. Ten feet. Pkt. 5c.

## DRACÆNA OR CLUB PALM.

Ornamental leaved plants for vases and house decoration. T. P.

2633. **Australis.** Long, narrow, graceful foliage. Pkt., 10c.

2634. **Indivisa.** Thin leaves. Pkt., 5c. | 2635. **Lineata.** Pkt., 10c.



CHINA PINK.



For  
**Hardy  
 Grass Pinks**  
 See Page 82.

## Single Flowered Pinks.

Formerly only double flowers were favorites; the prevailing taste tends towards single varieties. These single pinks are notable for brilliantly colored flowers of large size.

2611. **Single Fringed.** Mixed. Pkt., 5c.  
 2612. **Japan.** Blotched, striped and spotted. Pkt., 5c.

2613. **Crimson Belle.** Crimson flowers, beautifully fringed. Pkt., 5c.

2614. **Eastern Queen.** Beautifully fringed, marbled and suffused with carmine, rose, mauve and lilac. Pkt., 5c.

2615. **The Bride.** Dwarf, growing only about six inches high. Flowers are wine-red, veined with crimson, with a margin of white. Pkt., 5c.

2616. **Superbus Telekii.** New. It is more vigorous and a taller grower than all other Pinks. Its flowers come single and double in great profusion and almost endless variety of colors. Will stand the winter with protection. Pkt., 10c.; 3 for 25c.

2617. **MIXTURE OF SINGLE PINKS.** All the above single pinks in mixture.  $\frac{1}{4}$  oz., 15c.; pkt., 5c.



PHEASANT'S EYE PINK.



**ESCHSCHOLTZIA. CALIFORNIA POPPY.**

Hardy annuals, useful for beds or massing. They begin to bloom in a few weeks from spring sown seeds and continue to flower until late in the fall. The State flower of California. The large, saucer-shaped flowers are of a beautiful yellow, orange or white, the foliage is finely cut, giving the plants an exceedingly showy appearance. One foot. H. A.

2651. **Mandarin.** A new and very beautiful single variety. The outer side of the petals are brilliant scarlet, side rich orange. Pkt., 5c.

2652. **Rose Cardinal.** The flowers are of rich rose-colored hue, most effective and beautiful; single. Pkt., 5c.

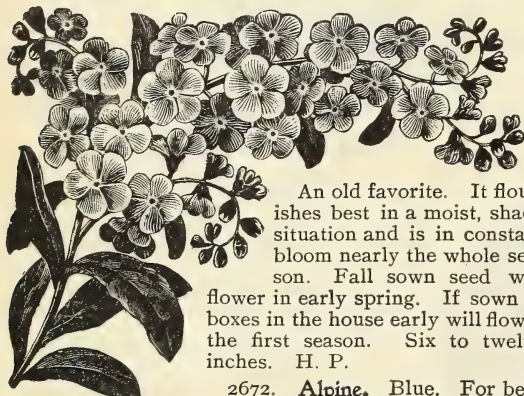
2653. **Single Mixed;** all colors.  $\frac{1}{2}$  oz., 15c.; pkt., 5c.

2655. **Double Mixed;** all colors.  $\frac{1}{2}$  oz., 25c.; pkt., 5c.

**CALIFORNIA YELLOW BELLS.**

EMMENANTHE PENDULIFLORA.

2656. Forms a broad bush eighteen inches to two feet high. Each of its branches is fairly loaded with bell-shaped drooping flowers of a delicate cream color. Excellent for bouquets. The flowers are almost everlasting, the corolla drying and retaining its shape until the seed has ripened. A. Pkt. 7c.

**FORGET-ME-NOT. (MYOSOTIS.)**

An old favorite. It flourishes best in a moist, shady situation and is in constant bloom nearly the whole season. Fall sown seed will flower in early spring. If sown in boxes in the house early will flower the first season. Six to twelve inches. H. P.

2672. **Alpine.** Blue. For bedding. One foot. Pkt., 5c.

2673. **Victoria.** Forms a neat compact bush about six inches high that at all times during the season is one mass of sky-blue flowers with yellow centers. A good sort for pot culture. Pkt., 5c.

2674. **Dissitiflora.** Compact habit, free bloomer. A bed of this when in bloom in spring is a lovely sight, a sheet of sky-blue flowers. Six inches. Pkt., 10c.

2680. **The Jewel.** A new and distinct variety of close, compact habit. Throws up forty to fifty flower stems of perfectly formed sky-blue flowers. Pkt., 10c.

2679. **Palustris.** The true Forget-Me-Not. Flowers dark blue with white eye. Pkt., 5c.

2681. **Mixed.** Small flowers, bushy growth. Pkt., 5c.

**GERANIUM.**

2682. **Single Mixed Zonale.** Pkt., 5c.

2683. **Apple Scented.** Leaves delightfully fragrant, prized for bouquets. Pkt., 10c.

**GILIA.**

Hardy annuals with finely cut foliage and clusters of small, delicate flowers, white, lilac and rose colored, desirable for cutting and especially suitable for bedding, rock work, etc. H. A.

2701. **Gilia.** Mixed colors. 12 inches. Pkt., 5c.

2702. **Dwarf White.** A pretty variety that is most desirable for beds on the lawn, parks or cemeteries. Pkt., 5c.

**GREVILLEA. (SILK OAK.)**

2704. Most profuse bloomer. A beautiful, graceful plant valued as a table decoration and when of large size for tropical effects on the lawn. 2 to 3 ft. G. P. Pkt., 10c.

**EVERLASTING FLOWERS.**

We group these under one head for convenience of ordering.

Everlastings or straw flowers as they are called are handsome plants, not only for beds and borders, but also as pot plants.

They are of easiest culture and will grow in any soil. When the flowers are desired for drying for winter bouquets they should be cut before fully expanded and hung up in the shade to dry.

Any of the following, per pkt., 5c.; 6 pkts. for 25c.

2657. **Acroclinum.** Long stemmed, rose and white.

2662. **Gomphrena Globe Amaranth.** Mixed; all colors.

2663. **Helichrysum. Double Mixed.** Splendid for bouquets. Can be dyed to any desired color or shade.

2664. **Silver Ball.** Flowers immense size, double, white.

2665. **Helipterum Sanfordi.** A very pretty Everlasting. Flowers globe shaped; bright golden yellow.

2666. **Rhodanthe.** Richly colored flowers. Mixed.

2671. **Xeranthemum.** Very double flowers. Mixed.

**GAILLARDIA.**

Bedding plants remarkable for the size and brilliancy of their flowers; also do well in pots. Thrive in any soil. Unrivaled for cutting; two ft. H.H.A.

2693. **Grandiflora Superba.** Splendid new variety. dark red with bright yellow border. Pkt. 5c.

2694. **Picta Lorenziana.** One of the most useful annuals both for bedding and cutting. Saved from the finest double flowers of different shades

varying from sulphur-yellow to purple. Pkt., 5c.

2695. **Mixed.** Single. Pkt., 5c.

2696. **New Perennial Hybrids.** Flowers much larger than the older sorts and colors more brilliant and varied.

**GOURDS.**

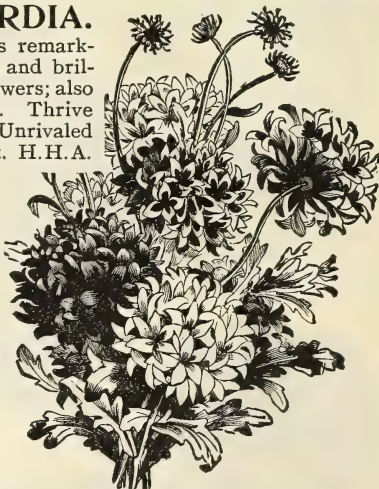
Climbers with curiously shaped fruit in various colors; of rapid growth, suitable for covering walls, trellises, etc. 20 to 30 ft. T. A.

2697. **Nest Egg.** Fruit resembles in color, shape and size the eggs of hens and is far superior to glass nest eggs. Pkt., 5c.

2698. **Dish Cloth.** The matured fruit will furnish a natural dish cloth, sponge-like and porous, such as are sold in our prominent drug stores. The fruit grows about two feet in length. Pkt., 5c.

2699. **Sugar Trough.** Holds a gallon when well grown. Pkt., 5c.

2700. **Ornamental Gourds,** all kinds mixed.  $\frac{1}{2}$  oz., 20c. Pkt., 5c.



GAILLARDIA LORENZIANA.





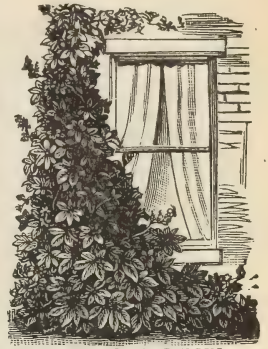
GODETIA, WHITE PEARL.



HELIOTROPE.



HOLLYHOCKS.



HUMULUS JAPONICUS.

**GLOXINIA.**

Strikingly beautiful greenhouse plants. The magnificent colored flowers are large and bell-shaped, with blotched and spotted throats; 1 foot. T. P.

2703. **Choice Mixture of large flowering sorts.** Pkt., 25c.

**GODETIA.**

The dwarf and compact growing plants are literally covered with handsome flowers of the most brilliant colors. They are of easiest culture, will bloom well in any situation, and are deserving of more extended cultivation. H. A.

2705. **White Pearl.** Flowers pure white, borne three or four together; especially showy in dwarf beds. Pkt., 5c.

2706. **Bijou.** Pure white with carmine eye, Pkt., 3c.

2707. **Lady Albemarle.** Flowers three inches across, crimson and carmine, suffused with lilac. Pkt., 3c.

2708. **Lady Satin Rose.** Bright rosy pink. Rich. Pkt., 5c.

2709. **The Bride.** White, crimson center. Pkt., 3c.

2710. **Finest Mixed.** Pkt., 3c.

**GYPSOPHILA.**

Graceful plants, full of numerous small flowers that are almost indispensable in bouquet making. They bloom the first year from seed.

2711. **Elegans.** White. 6 inches. H. P. Pkt., 3c.

2712. **Paniculata.** White. 2 ft. P. Pkt., 3c.

**HELIOTROPE.**

Heliotropes can be grown as readily from seed as Pansies or Verbenas. Sow in open ground in May, and the plants will bloom in August, and earlier if the seed is started in the house.

2723. **Dark Varieties Mixed.** Flowers deep blue, dark purple, some almost black. All very fragrant. Pkt., 5c.

2724. **Mammoth Flowered.** Flowers are twice the size of the older species, fragrance remarkably sweet, and the colors run from pure white to deep indigo. Pkt., 10c.

2732. **Mixed.** Many varieties and colors. Pkt., 5c.

**HOLLYHOCK. (ALTHEA.)**

Our Hollyhocks are grand, perfectly double, and of the most brilliant colors. The spikes of this strain are extraordinarily large and the flowers of most perfect form. Seed has been saved with greatest care from the choicest specimens only. Should be sown in June and July to get blooming plants the next summer. Early sown seed will occasionally bloom the first season. H. P.

2740. **Double White,** Pkt., 5c.

2755. **Double Pink,** Pkt., 5c.

2741. — **Crimson,** Pkt., 5c.

2748. — **Yellow,** Pkt., 5c.

2742. — **Salmon,** Pkt., 5c.

2753. — **Maroon,** Pkt., 5c.

2743. **Mixed Colors,** above and others. Pkt., 5c.

**CHATER'S SUPERB DOUBLE HOLLYHOCKS.**

2754. Among florists this is considered the best strain in the world. The spikes are closely crowded with lovely double flowers, three to four inches across, as perfect as a Camellia, and all of the brightest colors. Those who have never seen Hollyhocks grown from Chater's strain will be surprised beyond measure at their great superiority. Mixed. Pkt., 15c.

(For Hollyhock Roots, see List of Plants and Bulbs.)

**HUMULUS JAPONICUS. (JAPANESE HOP.)**

2766. This splendid climber in foliage resemble the old-time Hop but the foliage is more dense and exceedingly luxuriant, somewhat rough and hairy. Seed sown in the open ground in spring will produce very large plants in wonderful short time. Insect proof, withstands heat and drought and remains fresh until late in the fall. Pkt., 10c.

2767. **Variegated Hop.** For an unusually attractive climber we especially recommend this. It is just the thing to cover fences, rustic houses, etc. The leaves are distinctly marked and blotched white with yellow. In some cases the color approaches to almost white and again entirely green. The very dense and beautifully marked foliage remains on the vine until cut down by frost; the weather or insects have no effect upon it. Pkt., 10c.

**\* HELIANTHUS or SUNFLOWER. \***

Among the showiest and stately old-timers of the garden. In addition to the Mammoth Russian Sunflower so extensively cultivated for its seeds which are fed to poultry, we have included a few that make good plants for lawns, along fences, etc. The foliage of some is very handsome; others attract attention from their size. H. A.

**SINGLE VARIETIES.**

2714. **Macrophyllus Giganteus.** Of branching habit, single, yellow flowers, about eighteen inches in diameter. 8 ft. Pkt., 3c.

2715. **Miniature.** Flowers single bright orange, elegant in form, suitable for bouquets as they measure only about two inches across. Plants dwarf and very bushy with fine foliage. Bloom from July until frost. 3 ft. Pkt., 3c.

2716. **Mammoth Russian.** Flowers of immense size, from 16 to 20 inches in diameter. Seeds are used to feed birds and poultry. Pkt., 3c.; lb., 18c. postpaid. Not prepaid, 25 lbs., \$1.50.

**DOUBLE VARIETIES.**

2717. **Californicus Fl. Pl.** Extra large orange flowers. Pkt., 3c.; oz., 10c.

2718. **Globosus Fistulosus.** Globular, very large, double orange flowers. The most effective of Sunflowers. 6 ft. Pkt., 3c.; oz., 10c.

2719. **Green-Centered (SCULATUS VIRIDIS.)** Double yellow flowers with green center when young. Five to eight ft. in height. Pkt., 5c.

2720. **Mixed Sunflowers.** A splendid assortment of a dozen of the best varieties grown together on our grounds. It includes some which are both curious and desirable. Pkt., 3c.; oz., 10c.



MINIATURE SUNFLOWER.

**SPECIAL OFFER: One packet each of above six Sunflowers for 15c.**





### LANTANA.

2791. Bushy plants with large heads of variously colored flowers, orange, white, rose and others, with spicy fragrance. The flowers change color with age and are succeeded by deep blue berries. Lantanas grow very rapidly, requiring space to spread. Two feet. Pkt., 10c.

### LOBELIA.

The cultivated herbaceous Perennial Lobelias have graceful foliage and beautiful flowers. The *Erinus* or hanging varieties are used for baskets, vases, etc., and the *compact* sorts for pots, borders and carpet bedding. They flower freely the first year from seed. T. P.

#### \* ERINUS VARIETIES \*

Six to ten inches.

2810. *Alba*. White. Pkt., 5c.

2809. *Speciosa*. Bright blue; for hanging baskets or vases. Pkt., 5c.

2811. *Formosa*. Habit same as *Speciosa*. Flowers are nearly scarlet. Pkt., 10c.

#### \* COMPACT VARIETIES \*

Four to six inches.

2812. *Barnard's Perpetual*. First sent out by a noted English seed grower. The flowers are of the most brilliant ultramarine blue, strikingly marked with a pure white blotch at base of each of the two lower petals. Pkt., 10c.

2808. *Crystal Palace Compacta*. Deep blue. Splendid bedder. Pkt., 5c.

2807. *Emperor William*. Light blue; pkt., 5c.

### PERENNIAL LOBELIA.

2819. *Queen Victoria*. Dark scarlet flowers; dark leaves; very showy; three feet. Pkt., 10c.

2814. *Lobelia*. Varieties mixed. Pkt., 5c.



LANTANA.

## Ice Plant

MESEMBRYANTHEMUM.

Beautiful dwarf growing plant with waxy-like foliage, which sparkles in the sun, and lovely little flowers. Splendid for hanging baskets and rockwork. Stands sun and drought admirably. H. H. A.

2780. *Crystallinum*. The whole plant covered with ice-like secretions; flowers purple. Pkt., 5c.

2785. *Cordifolium Variegatum*.

The light colored leaves are very attractive for ribboning. Pkt., 5c.

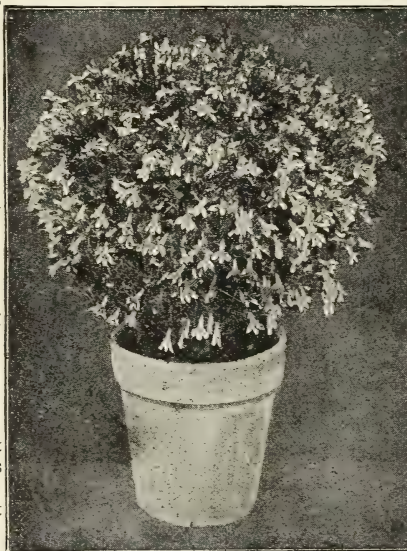


ICE PLANT.

## Impatiens Sultani.

2774. A Balsam from Zanzibar, Africa, blooming almost continuously winter and summer. Its rosy carmine flowers have a delicate, waxy appearance and are borne in great profusion. Its easy culture and vigorous growth make it a general favorite as a house or garden plant. Pkt., 10c.

2775. *Sultana Hybrida*. Remarkably beautiful hybrids of this much admired plant in various shades of colors, delicate pink, rose, violet and others. Mixed. Pkt., 20c.



2813. LOBELIA, White Gem.

A COMPACT variety which forms a ball of pure white flowers, best of its color for beds and edgings. Splendid for pots; blooms in four weeks; pkt., 5c.

### IPOMÆA. See Moonflower.

### JERUSALEM CHERRY.

(SOLANUM CAPSICASTRUM.)

2790. A shrub that succeeds well in pots. Dark green leaves, but especially admired for its small, pepper-shaped scarlet fruit. One foot. G. P. Pkt., 10c.

### KENILWORTH IVY.

(LINARIA.)

2801. Hardy little climber and a valuable trailing plant. Clings to walls, etc., and is useful in baskets. Neat foliage and small, lavender colored flowers. P. Pkt., 5c.

### LAVENDER.

2796. Sweet scented, shrubby perennial, with blue flowers. Its dried heads are used to impart an agreeable fragrance to linen closets. Pkt., 5c.

### \* LINUM.\*

2802. A flax, with beautiful scarlet flowers and pretty foliage. Pkt., 5c.

2803. *Perennial Linum*. Mixed varieties. Pkt., 5c.



LINUM.

### LATHYRUS. (EVERLASTING OR HARDY SWEET PEAS.)

2835. Climbers growing six to eight feet. Flowers red, white and flesh colored. The roots penetrate the ground to a great depth and survive our winters. Mixed. Pkt., 5c.

### LUPINS OR SUN DIALS.

Easily grown showy plants, useful for beds and borders. Thrive in any soil. They have long spikes of pea-shaped flowers. Two to three feet. H. A.

2804. *Tall Varieties Mixed*. Pkt., 5c.

2805. *Dwarf Varieties Mixed*. Pkt., 5c.

2806. *True Blue*. This will please those who admire blue flowers. They are of large size and deep rich color. Pkt., 5c.

### LYCHNIS. RAGGED ROBIN.

2834. An old time border plant; produces large heads of brilliant scarlet flowers. Succeeds in any good garden soil. Easy culture, blooms first year from seed. Two feet. H. P. Pkt., 5c.



**MARIGOLD. (TAGETES.)**

Old time favorites of the garden. The flowers are very double and make a splendid effect in mixed beds or borders; useful as pot plants also. The easy culture and extreme showiness should secure them a prominent place in every flower garden. H. H. A.

**DOUBLE AFRICAN MARIGOLDS.**

2851. **El Dorado.** Flowers extra large, measuring from 3½ to 4 inches across; varying in shades from a primrose yellow to a deep orange. A robust grower and great bloomer. 3 ft. Pkt., 3c.

2856. **Lemon Queen.** The best type of the African Marigold. Grows about 18 inches high and is covered with large, light lemon flowers. Pkt., 3c.

2858. **Double African, Mixed.** The best varieties. Pkt., 3c.

**FRENCH MARIGOLDS.**

2859. **Legion of Honor.** The most showy of the Dwarf Marigolds. Flowers rich golden yellow marked with velvety brown. Plants are insect and drought proof and continuous bloomers. Pkt., 5c.

2860. **Dwarf Gold Striped.** Yellow and maroon. Pkt., 3c.

2865. **Choice Mixture** of Dwarf sorts. Pkt., 3c.

(For Cape or Pot Marigold—see *Calendula*.)

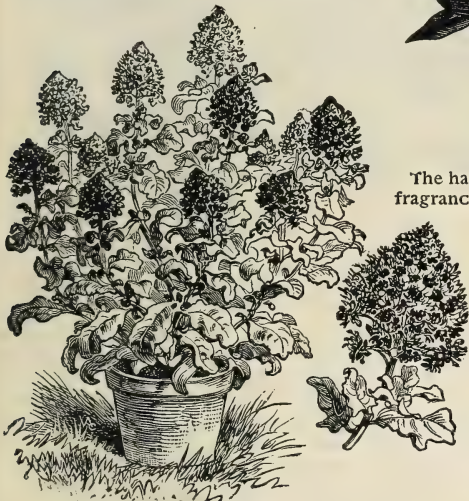
**MARVEL OF PERU.**

(FOUR O'CLOCK MIRABILIS.)

Flowers open in the afternoon, hence name "Four o'Clock." Old fashioned, but none the less beautiful. The plant is large, and requires four feet of space; makes a pretty hedge. The flowers are funnel-shaped, white, red and striped; very fragrant, and opens about 4 o'clock in the afternoon, remaining open all night, and generally perish before noon the next day. Will grow in any common garden soil from seed sown in open ground. H. A.

2871. **Fine Mixed Colors.** 2 ft. Oz., 15c.; pkt., 3c.

2872. **Tom Thumb.** Dwarf variety with variegated foliage. 9 inches. Pkt., 3c



MIGNONETTE, MACHET.



MARVEL OF PERU.

**MIGNONETTE. (RESEDA.)**

The hardest annual in cultivation and a universal favorite for its sweet and delicate fragrance. The newer varieties named below in capitals are valuable improvements

2892. **LARGE FLOWERING.** The common Sweet Mignonette. Oz., 15c.; pkt., 3c.

2896. **AMELIORATA.** Red flowered. Pkt., 3c.

2899. **Gabriele.** Red, very fine, robust; excellent for pots. Pkt., 5c.

2905. **Golden Queen.** Flowers of a golden shade, very fragrant. 5c.

2906. **Victoria.** A beauty in every respect. Dark, glossy green foliage, pretty red flowers, large and of fine form. Grows about 6 inches high. Fine for pots. Pkt., 5c.

2907. **PARSON'S WHITE.** Very fragrant, nearly white. Pkt., 5c.

2908. **Miles' Spiral.** Plant dwarf, branching habit. Flowers white, very fragrant. Spikes 8 to 12 inches long. Pkt., 5c.

2914. **MACHET.** The flower spikes are very broad and long, and the red flowers exceedingly fragrant. It is one of the best varieties for pot culture and bedding, and extensively grown by florists. Pkt., 5c.

2913. **Extra Choice Mixture.** Oz., 25c.; pkt., 3c.

**MIMULUS. (Monkey Flower.)**

Very showy and admirable pot plants, also suitable for bedding. The charming flowers are spotted and blotched in extremely rich colors. The plants succeed best in moist soil and shaded places; although half hardy perennials, they are usually treated as annuals.

2919. **Moschatus. (Musk Plant.)** The foliage emits a strong musky perfume. Pkt., 5c.

2920. **Tigrinus.** Striped and spotted. Extra mixed. 2 ft. Pkt., 5c.

2926. **Emperor.** The large and beautiful flowers are most showy and attractive. It is not only a great favorite in pots, but does nicely in shady places. Pkt., 5c.

**MUSA ENSETE. (ABYSSINIAN BANANA.)**

2935. Large-leaved plants making a tropical effect planted on the lawn. They are of remarkably quick growth, often attaining a height of 10 to 15 ft. the first season. The seeds should be sown early in the house, the plants frequently repotted and stimulated with liquid fertilizer, and the pots kept plunged. Pkt., 15c.



MARIGOLD, EL DORADO.

**MATRICARIA. (FEVERFEW.)**

Pretty free blooming plants, very popular for bedding and pots. H. H. P.

2874. **Capensis, fl. pl.** Double white, fine. Pkt., 5c.

2875. **Exima Crispa, fl. pl.** Double white flowers and pretty curled foliage. Height, 8 inches. Pkt., 5c.

**MAURANDIA.**

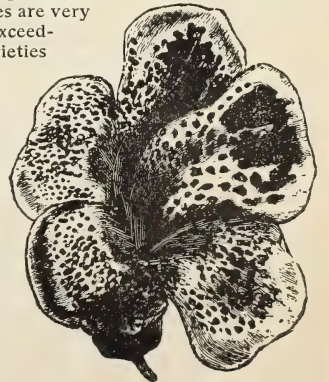
2884. Pretty climbers of rapid growth, flowering freely the first year from seed. 10 ft. T. A. A good collection of colors. 5c.

**MESEMBRYANTHEMUM.**

(See *Ice Plant*.)

**MIMOSA PUDICA. (Sensitive Plant.)**

2916. A very interesting plant; the finely cut fern-like leaves closing if touched or shaken. Pkt., 5c.



MIMULUS.



# New... Imperial JAPANESE MORNING GLORIES.

GIGANTIC FLOWERS.

MAGNIFICENT FOLIAGE.

EXQUISITE NEW COLORS.

2945. Were sent out for the first time last season with the assurance that they would prove a surprise to all, our claims for their marvellous beauty as made in our last catalogue have been more than fulfilled. In our trials last summer they were the first to elicit the admiration of visitors.

The leaves are large, **heart-shaped**, many of them a rich dark color, **marbled with silvery white or yellow**. The flowers are really gigantic, double the size of the ordinary kind. Their varieties of color are infinite, running from snowy white through all possible shades of blue, and of red, from palest pink to darkest reds and purples. They are streaked, mottled, striped, marbled and bordered in wonderful fashion. The Imperial Japanese Morning Glories are of the easiest culture. But as the seed is hard or flinty, before sowing treat as follows: *Draw a sharp knife across one edge of the seed*, just enough to cut through the shell, then soak in luke-warm water long enough to have seed swell to double the size they were when dry. Sow in May in a warm sunny position in good rich soil, and give plenty of water in dry weather. Price per pkt., 10c.; 3 for 25c; oz., 50c.

## TALL MORNING GLORIES.

The old fashioned Morning Glory is the standard climber of every flower lover. It is as easy to grow as a weed and will reach a height of 20 feet in one season. Should be sown early and where intended to bloom. Flowers of every shade of white, crimson, rose, blue and striped.

2946. **Finest Mixed.** Many colors. Oz., 10c. Pkt., 3c.

2948. **HEAVENLY BLUE.** Foliage very large, heart-shaped; steel-blue flowers, a color rarely seen. They measure  $4\frac{1}{2}$  to 5 inches across and are produced in clusters. A fine variety to grow in the greenhouse but does well out of doors. Pkt., 10c.

## MOONFLOWER. (IPOMCEA.)

*Evening Glory.*

2955. Moonflowers resemble Morning Glories in habit, rapid growth and large flowers. The vines are literally covered with pure white, sweet-scented flowers 4 to 6 inches in diameter which open in the evening and remain expanded until the following day. They require rich ground, a sunny position and a liberal supply of water to secure the best results. Grown under these conditions will sometimes reach a height of 50 feet during the season. H. H. A. Pkt., 10c.



NEW IMPERIAL MORNING GLORIES.

## DWARF MORNING GLORIES.

The flowers of these while of the same shape as the tall Morning Glory, contain a greater variety of colors and remain open the entire day. To this class might well be given the appellation **Everblooming Morning Glories** for they bloom from June until fall. Well adapted for hanging baskets and rockeries.

2950. **Finest Mixed.** Many colors. Oz. 10c. Pkt., 3c.

2952. **CONVOLVULUS Mauritanicus.** Fine for hanging baskets. Beautiful blue flowers. Pkt., 3c.

## \*\*\* New Climbing Nasturtium. \*\*\*

### HYBRIDS OF MADAME GUNTER.

3077. A new section obtained by artificial hybridizing. The plants make a strong growth, climbing from five to six feet high, and are distinguishable for the **richness and variety of colorings** in the flowers. There are shades of rose, salmon, pale yellow, dark maroon as well as striped and blotched. So ornamental is this new strain and constant in bloom it is worthy a place in every garden. Large pkt., 10c., 2 for 15c. Oz., 20c.

*For other Nasturtiums see next page.*



# NASTURTIIUMS.

See also

**NOVELTIES.**



DWARF OR BEDDING NASTURTIIUMS.

## DWARF OR BEDDING NASTURTIIUMS.

Price, any kind, oz., 20c.; pkt. 5c., except where noted.

- 3094. **Scarlet King.** Brilliant color.
- 3095. **Rose.** A delicate shade. Very attractive.
- 3096. **Yellow.** Light yellow; no blotches.
- 3097. **Crystal Palace Gem.** Sulphur, spotted maroon.
- 3098. **King of Tom Thumbs.** Deep scarlet flowers.
- 3099. **Spotted King.** Orange, spotted with maroon.
- 3100. **Ruby King.** Ruby red; dark foliage.
- 3082. **Cerulea Rosea.** Beautiful peach color.
- 3087. **Gen'l Jacqueminot.** New. Almost identical in color with the well known Rose of the same name.
- 3092. **Prince Henry.** New. Cream color, marbled with scarlet. Dark foliage. Very handsome.
- 3107. **Pearl.** Straw color; fine for contrast.
- 3108. **Beauty.** Light scarlet, splashed canary.
- 3109. **King Theodore.** Dark, scarlet maroon.
- 3114. **Empress of India.** Brilliant crimson; dark foliage.
- 3119. **Cloth of Gold.** Foliage golden yellow, flowers scarlet.
- 3124. **Lady Bird.** Orange yellow, red spots.
- 3125. **Aurora.** New. Chrome yellow, the lower petals veined with purplish carmine.
- 3126. **Mixed Colors.** The above and some others. Pkt., 3c.; oz., 15c.; ¼ lb., 50c.

## COLLECTIONS

— of —

### CONSTANT BLOOMING NASTURTIIUMS.

All postpaid.

- 3177. **6 pkts. Tall Varieties,** our choice, one of each, 25c.
- 3178. **6 pkts. Dwarf Sorts,** different col., our choice, 25c.
- 3179. **12 pkts. Half Tall, half Dwarf,** our selection, 40c.
- 3180. **12 pkts. Assorted Colors,** our selection, 6 Dwarf varieties, 3 Tall, 3 Lobb's, 40c.

**N**ASTURTIIUMS are showy, popular annuals, but many of the newer and most beautiful sorts are known to a comparative few. When planted in poor soil they seem to bloom longer and are much more brilliant in coloring. They succeed under any circumstances, heat nor drought, do not effect them. The bedding varieties make a charming effect. As the cost of the seed is so low we recommend a trial of a number of sorts and especially the new kinds.

Our Imperial mixtures will, we are certain, prove a delight to all who use them. The seeds if picked green make an excellent substitute for capers.

See preceeding page for new **Nasturtium.**

## TALL OR CLIMBING NASTURTIIUMS.

Price, any kind, oz., 15c.; pkt., 5c., except where noted.

- 3127. **Rose.** | 3128. **Orange.** | 3138. **King Theodore.** Maroon.
- 3148. **Yellow.** | 3149. **Purple.**
- 3150. **Crimson.** | 3155. **Chocolate.**
- 3160. **Scarlet Striped.** | 3161. **Scarlet.**
- 3166. **Straw Spotted.** | 3167. **Pearl.**
- 3168. **Scarlet and Gold.** Bright yellow foliage; flowers crimson scarlet.
- 3169. **Mixed Colors.** Contains all above and some other beautiful sorts. Pkt., 3c.; oz., 15c.; ¼ lb., 50c.

## LOBB'S NASTURTIIUMS.

Much more brilliant in coloring than the Tall sorts. Splendid for hanging baskets, etc. Price, any kind, oz., 15c.; pkt., 5c.

- 3185. **Cardinal.** Dark cardinal red; superb.
- 3190. **Giant of Battles.** Sulphur, spotted with red.
- 3191. **Lucifer.** Richest, velvety deep crimson.
- 3192. **Napoleon III.** Golden, striped carmine.
- 3197. **King of the Blacks.** Very dark deep brown.
- 3198. **Spitfire.** Brilliant scarlet; very effective.
- 3199. **Lobb's Nasturtiums, Mixed.** The above six splendid sorts and others. Pkt., 5c.; oz., 15c.

## IMPERIAL NASTURTIIUM MIXTURES.

3170. These superb mixtures, made by ourselves, include all the varieties in our lists and some others. They will make a display of colors far surpassing in effect any thing we can describe. We offer either Dwarf or Tall.

Extra large packet, 10c.; oz., 25c.; ¼-lb., 75c. postpaid.

## NICOTIANA.

Large and beautiful flowers of delicious fragrance, very ornamental as pot plants or in groups. Of easy culture. A.

3043. **Affinis.** (*Sweet Scented Tobacco Plant.*) Produces freely deliciously scented large white tubulous flowers. If taken up in fall and potted it will bloom in the house during winter. 2 ft. Pkt., 3c.

## NIEREMBERGIA.

Very pretty free-flowering plants that need the same treatment as Petunia. H. H. A.

3053. **Frutescens.** White and lilac; very free bloomer. 5c.

## OENOTHERA. (Evening Primrose.)

The curious habit of the flowers, opening just before sundown and closing before noon next day has made this genus known under the name of Evening Primrose. They embrace beautiful colored varieties, mainly of yellow shades, and are well worthy of cultivation.

3071. **Hardy Annual Varieties Mixed.** Pkt., 3c.

3072. **Best Hardy Perennial Varieties Mixed.** Pkt. 5c.

## MEXICAN PRIMROSE.

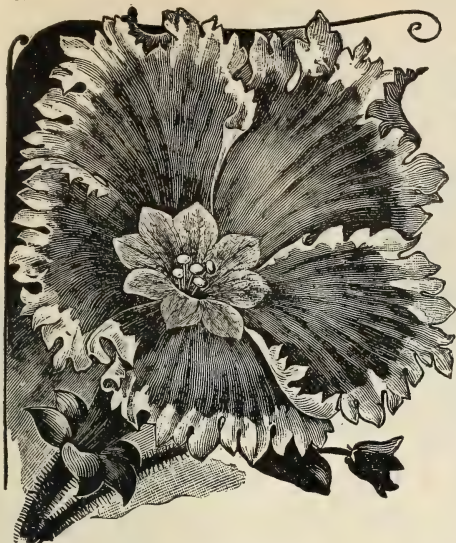
3168. **Oenothera Rosea.** This greatly advertised plant is very useful for cultivation in pots or outdoors. Flowers, bright pink with white center. Comes readily from seed. Pkt., 5c.

Your particular attention is directed to our novelty pages.









PETUNIA—SUPERBISSIMA.

## PETUNIAS.

Petunias like pansies are flowers for everybody. The tiny garden in the yard, or the beautiful beds seen in the parks of great cities are not complete without Petunias. They are most easily grown, and from early summer to late fall they are loaded with flowers; heat, rain or drought do not effect them. The seeds being very small would better be started in the house, afterwards transplanting the plants one foot apart in the place where they are to bloom. As pot plants Petunias have very few superiors. H. H. A.

### SINGLE VARIETIES—Small Flowering.

For very showy beds the small flowered varieties are best.

2960. **Fine Mixed.** Very choice seed. Excellent for bedding.  $\frac{1}{8}$  oz., 15c.; pkt., 3c.

2961. **Dwarf Inimitable.** Bushy plants, 5 to 8 inches high. Cherry red flowers with white star. Pkt., 5c.

2962. **Blotched and Striped.** All colors. Fine for pots, window boxes and bedding.  $\frac{1}{8}$  oz., 20c. Pkt., 3c.

2963. **Countess of Ellesmere.** Of dwarf habit. Suited for pots and low beds. Pink, with white throat. Pkt., 3c.

2964. **Pure White.** The best to use for cemetery purposes. Pkt., 5c.

2965. **Snowball.** Compact variety, excellent for pot culture. Height, 8 inches. Covered all season long with satiny white flowers. Pkt., 20c.

### LARGE FLOWERING.—Single.

Flowers almost twice the size of ordinary Petunias.

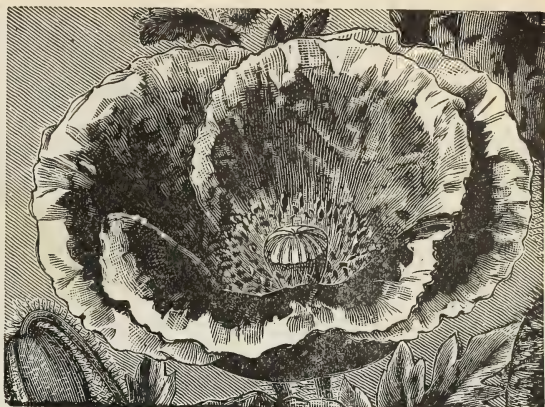
2968. **Giants of California.** The flowers are exquisitely ruffled or fringed on the edges, and are of enormous dimensions, often five inches across. Their great merits lie in the innumerable variety of colors, with markings, veinings, blotchings, and stripings in the most grotesque and beautiful combinations. Pkt., 15c.

2970. **Fringed.** (FIMBRIATA.) Flowers 4 to 5 inches across of great variety of colors and markings. Deeply fringed. Pkt., 15c.

2971. **Superbissima.** Handsome purple, velvety flowers with veined throats. They are among the finest in form, substance and size. Pkt., 20c.

2973. **Green Margined.** Rose colored flowers with veined throats, margined with light green. Pkt., 20c.

2974. **Large Flowering Single Mixed.** Will bring large beautiful flowers of superb colors and markings. Pkt., 10c.



SHIRLEY POPPY.

## DOUBLE FLOWERING PETUNIAS.

Saved from double flowers artificially hybridized.

*A certain proportion will come single or semi-double.*

2980. **Lilliput.** Bushy plants. Small double flowers spotted and striped. Pretty for pots. Pkt., 25c.

2981. **Dwarf Inimitable.** Striped and blotched. 25c.

2982. **Fringed.** Extra large flowers. Pkt., 35c.

2983. **Pure White.** A splendid strain that will produce very fine double flowers. Pkt., 35c.

2984. **Barnard's Double Mixed.** Hybridized and imported seed from a famous European Petunia specialist. Sure to produce grand flowers. Pkt., 25c.

## POPPIES.

### SINGLE ANNUAL POPPIES.

2993. **TULIP POPPY.** So called from the great similarity of its vivid scarlet single flowers to those of the Scarlet Duc Van Thol Tulip. After a time two black spots appear at the base of the petals. Constant and profuse bloomer. Pkt., 5c.

2994. **SHIRLEY.** Generally single, sometimes semi-double, colors range from white, rose, pink and carmine to bright, sparkling crimson. Pkt., 3c.

2995. **Danish Flag.** Brilliant scarlet flowers with white cross in center. Pkt., 3c.

2996. **Single Poppies, Mixed.** Many colors,  $\frac{1}{2}$  oz. 15c., Pkt., 3c.

### DOUBLE ANNUAL POPPIES.

2992. **WHITE SWAN.** A new poppy of bushy habit. Height 18 inches. Flower snow white, extremely double, large, and borne on stiff stems. Continues to bloom longer than any other poppy. Pkt., 5c.

3000. **American Flag.** Large, snow white flowers, each petal bordered with scarlet. Pkt., 7c.

3001. **Pæony-Flowered.** Broad petals like those of a Pæony. Mixed. 2 ft. Oz., 25c. Pkt., 3c.

3002. **Mikado.** Flowers pure white at the back, edge of petals deep scarlet. Pkt., 3c.

3012. **Snowdrift.** Very large flowers, perfectly double pure white. Pkt., 3c.

3017. **Carnation-Flowered.** Globular flowers slashed and fringed. 2 to 2½ ft. Mixed. Oz., 25c. Pkt., 3c.

3018. **Cardinal.** Glowing scarlet on white ground. Compact habit. 18 in. Pkt., 5c.

3019. **Double Poppies, Mixed.** Oz., 20c. Pkt., 3c.

### HARDY PERENNIAL POPPIES.

3026. **Iceland.** (Nudicaule.) Splendid for cut flowers. Purest white to deep orange scarlet. Mixed. Pkt., 10c.

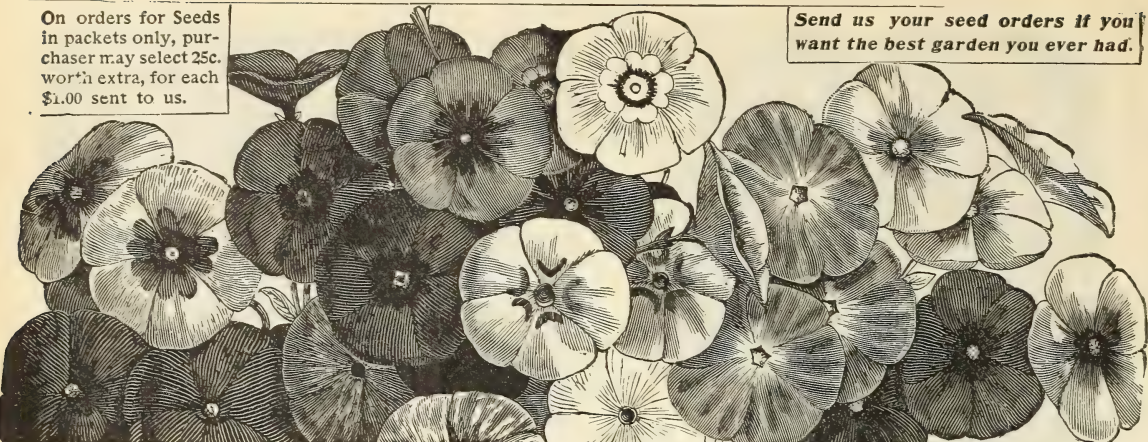
3027. **Double Iceland.** Pkt., 10c.

3028. **Oriental.** Very large vivid crimson flowers with black spots on their petals. Mixed. Pkt., 10c.



On orders for Seeds in packets only, purchaser may select 25c. worth extra, for each \$1.00 sent to us.

Send us your seed orders if you want the best garden you ever had.



TYPES OF PHLOX DRUMMONDI.

## PORTULACCA. (ROSE MOSS.)

This is undoubtedly one of the neatest and best adapted little annuals for rock work, baskets or beds. If sown in sunny places it will bloom in great profusion, and the flowers of the double sorts remain open all day. 6 inches. H. A.

- |                               |                                |
|-------------------------------|--------------------------------|
| 3212. Single White. Pkt., 3c. | 3225. Double White. Pkt., 10c. |
| 3213. " Pink. " 3c.           | 3226. " Pink. " 10c.           |
| 3214. " Scarlet. " 3c.        | 3228. " Scarlet. " 10c.        |
| 3219. " Yellow. " 3c.         | 3229. " Yellow. " 10c.         |
| 3220. " Mixed. " 3c.          | 3233. " Mixed. " 10c.          |

## PASSIFLORA. (Passion Flower.)

Rapid growing perennial climber for conservatory or sunny position in open ground. Comes readily from seed. H. P.

3221. **Incarinata.** ("May Pops.") Flowers white with purple rays. Pkt., 10c.
3223. **Cœrulea.** Violet and blue. Pkt., 5c.
3224. **Coccinea.** Vivid scarlet flowers. Pkt., 5c.
3222. **Mixed.** Choice assortment of colors. Pkt., 5c.

## PENSTEMON.

3227. Very ornamental plants that make a splendid effect in borders, etc. They bloom from June until late in the fall. The half-pendant bell-shaped flowers show beautiful shades and markings of scarlet, pink, white and blue. Sow in May in a cool, shady place. 2 ft. H. P. Large flowering, mixed. Pkt., 5c.

## PERILLA.

Handsome plants, 18 inches high, with ornamental bronze red foliage, very effective for ribboning.

3238. **Nankinensis Atro Laciniatis.** Deep mulberry foliage, edges finely cut; 2 ft. Pkt., 5c.
3244. **Nankinensis Macrophylla.** Dark; finely cut foliage; dwarf; fine. Pkt., 5c.

**PINKS.**—See *Dianthus*.

## PYRETHRUM. (FEVERFEW.)

**Yellow Foliage sorts for bedding.**

3460. **Aureum** (Golden Feather.) Pkt., 3c. H. H. P.
3465. **Golden Gem.** Double white flowers. Pkt., 3c.

## HARDY FLOWERING VARIETIES.

Useful for permanent beds, bearing large white, pink or crimson colored flowers. Protect slightly during severe weather.

3471. **Single Large Flowering, Mixed.** Pkt., 5c.
3472. **Double Large Flowering, Mixed.** Pkt., 25c.

**Don't miss** our Collections of

## FLOWER AND VEGETABLE SEEDS

as you will surely find among them something you want. In no other way, can so great variety of seed be obtained. See second cover page.



STAR SHAPED PHLOX.

## PHLOX DRUMMONDI.

For beauty in the flower garden nothing can surpass a bed of these most brilliant annuals. Their flowers are produced in the greatest profusion and in almost numberless hues. The large-flowering varieties are very showy. 1½ ft. H. A.

3419. **Heynholdi.** Beautiful colors. Suitable for pot culture. Pkt., 10c.
3459. **Graf Gero.** Excellent markings; growth very compact. Adapted for pot culture. Pkt., 5c.
3458. **Finest Mixture.** Unsurpassed for variety of colors. Oz., 50c.; ¼ oz., 15c.; pkt., 3c.

## LARGE-FLOWERING PHLOX.

The large flowering Phloxes show decided improvements in size, shape and color over the old Drummondii class. The flowers are round, the petals overlapping each other. 1 ft. H. A.

- |                            |                                |
|----------------------------|--------------------------------|
| 3420. <b>Pure White.</b>   | 3422. <b>Elegans.</b> crimson. |
| 3421. <b>Rosy Carmine.</b> | 3423. <b>Blood Red.</b>        |
| 3424. <b>Chamois Rose.</b> | 3429. <b>Mixed.</b>            |

Per pkt., 5c.; any 4 for 15c.

## STAR-SHAPED PHLOX.

3434. **Star of Quedlinburg.** The center of each petal runs out to a point beyond the edge which gives the flowers a **regular, star-like form.** Plant of compact habit, bearing large umbels of flowers. **Mixed Colors.** Pkt., 7c.; 3 for 20c.

## DOUBLE FLOWERING PHLOX.

Some of these will prove only semi-double. To produce the best double flowers they should be grown in light sandy soil. Flowers are very durable, the white especially, as a cut flower.

- |                              |
|------------------------------|
| 3404. <b>Double White.</b>   |
| 3405. <b>Double Scarlet.</b> |
| 3410. <b>Double Mixed.</b>   |

Each, per pkt., 10c.

## DWARF OR NANA COMPACTA PHLOX.

The little compact plants grow only about 6 or 8 inches high, and are literally covered with flowers. Splendid for edgings, beds and pot culture.

- |                                |
|--------------------------------|
| 3439. <b>Pure White.</b>       |
| 3444. <b>Red.</b>              |
| 3445. <b>Blush Rose.</b>       |
| 3450. <b>Rose.</b>             |
| 3451. <b>Blood Red.</b>        |
| 3452. <b>All Colors Mixed.</b> |

Per pkt., 10c.; 3 pkts. for 25c.

## HARDY PHLOX. (P. DECUSSATA.)

3457. They are perfectly hardy and need no protection; will grow in any soil, but succeed best in deep, rich, rather moist ground. Their handsome trusses of flowers are very showy and last a long time. Best large flowering, mixed. Pkt., 10c.

**For plants of Hardy Phlox—see list of Plants**



## PRIMROSES.

**C**HINESE Primroses are lovely and useful little plants for pot culture, that bloom most freely during winter and spring. The delicate colored flowers measure  $1\frac{1}{2}$  to 2 inches and are borne in large clusters. Sow in February or March in very fine, light soil. Pot into small pots, shift two or three times during the summer, and keep in a cool, moist, shady place, and success is sure. T. P.

*Our Primula seed is from the best European growers, and in quality is second to none.*

### Single, Large-Flowering, Fringed Varieties.

3473. **Alba Magnifica.** Splendid pure white flowers with yellow eye, measuring two inches. Very beautiful. Pkt., 25c.

3476. **White.** Pkt., 25c. | 3477. **Red.** Pkt., 25c.  
3482. **Crimson.** Pkt., 25c.

3474. **Fern Leaved.** Very pretty, long fern-like foliage. Mixed Colors. Pkt., 25c.

3483. **Mixed, Large Flowering Varieties,** includes all the above and several others. 100 seeds. 15c

### Double Large Flowering, Fringed Varieties.

Saved from the most select, large flowered fringed flowers. The seed we offer will produce a large percentage of superb double flowers of great substance and fine form.

3484. **White.** Pkt., 50c. | 3489. **Red.** Pkt., 50c.

3494. **Double Mixed.** Pkt., 50c.

### PRIMULA OBCONICA.

3495. An everblooming Primrose which blooms during eight months of the year. Flowers white with a tinge of lilac, borne on stems about nine inches high. If sown in March will bloom in June. It is one of the most useful pot plants for the window, and if planted out makes a very attractive border plant. Pkt., 10c.



PRIMULA SINENSIS FIMBRIATA.

## HARDY PRIMROSES.

Under this heading will be found some well known favorites, which are constantly increasing in popularity. They are beautiful, low growing, early spring flowering plants suitable for rockeries, borders and pot culture. They should have a place in every garden. Our seed is from an English grower who has given much attention to this flower. H. P.

3475. **English Yellow Primrose.** (P. VULGARIS.) So well known to all flower lovers as to need no description. Pkt., 10c.

3498. **Polyanthus.** (P. ELATIOR.) Any one who has seen or read of the beautiful beds of this lovely flower as grown in the public parks and private gardens of England will be sure to want a packet of seed. Flowers are borne on long stalks, each summounted by a large number of handsome flowers. Mixed colors. Pkt., 10c.

3496. **English Cowslip.** (P. VERIS.) This is an old favorite flower, blooming very early in spring. Mixed. Pkt., 10c.

3497. **Japanese Primrose.** (P. JAPONICA.) This is one of the most beautiful; is hardy in most parts of Europe but in this country should be protected or grown during the winter in cold frames. The flowers which measure an inch across are of various colors, crimson, maroon, lilac, pink, white, etc., borne on stems about eighteen inches high. Pkt., 10c.

## RICINUS, OR CASTOR OIL BEAN.

Rapid growing, stately plants, with very ornamental foliage and showy fruits. They are splendid for subtropical effects, either planted singly on the lawn or in the centre of a Canna or Caladium bed. 6 to 15 ft. H. H. A.

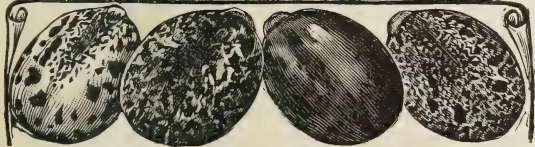
3504. **Borboriensis Arboreus.** Beautiful green leaves of immense size. 12 to 15 ft. Pkt., 3c.

3507. **Zanzibarensis.** An entirely new and distinct class of Castor Oil Beans from Africa, having short, stocky stems and enormous leaves, often two to two and one half ft. across. Foliage of different colors, dark predominating. The seeds are very large and particularly handsome in appearance. All the varieties have a tropical, luxuriant form and are sure to please all who try this sort. Mixed. Pkt., 5c.

3506. **Sanguineus.** Beautiful dark foliage and bright seed pods. Very showy. 6 ft. Pkt., 3c.

3508. **Gibsoni.** Dark purplish red foliage and stems; highly ornamental; 6 ft. Pkt., 3c.

3509. **Castor Beans, Mixed.** Above and several others. 5c.



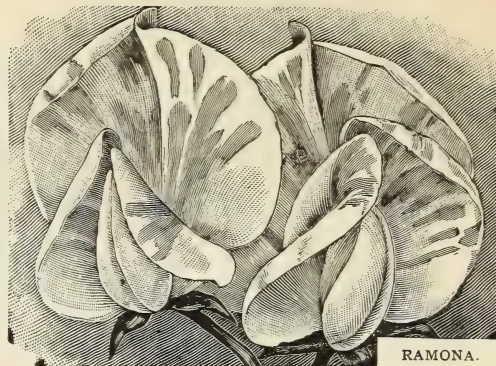
ZANZIBAR CASTOR BEAN.

**You can do your friends a favor** as well as us, by asking them to join with you in ordering Flower and Vegetable Seeds, or by sending their names and addresses that we may mail them a Catalogue.



# Sweet Peas.

THERE is no annual grown that is more popular, or that is more admired by all than the Sweet Pea, with its dainty colors and delicate perfume. For cutting, for bouquets, vases, corsage and buttonhole wear, no flower except the rose can compare with them. *To succeed best they should be sown as soon as the ground can be worked in the spring, and when well up given bush or strings to support them.* They commence to bloom early, and if the flowers are *picked as soon as they fade*, will continue to bloom all summer. If allowed to *form seed* they will soon stop flowering and die down. H. A.



For LATEST INTRODUCTIONS OF SWEET PEAS SEE FRONT PAGES OF THIS BOOK.



ONE PLANT OF "CUPID" GROWN IN A POT.

## New Sweet Peas.

*Offered by us last season.*

3698. **CUPID.** Extremely dwarf, grows only six inches high and blooms so freely that for months the plants are a mass of flowers. These are perfect in form, of large size and pure white in color. [*A Pink Cupid is offered this season for first time. See novelty pages.*] Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.

3694. **CELESTIAL.** Shell-shaped flowers of a delicate lavender-blue color. Always admired. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.

3703. **DAYBREAK.** Standard white, watered with crimson, which shows through veins and net work. Wings are white, sometimes pencilled. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.

3711. **GRAY FRIAR.** *Distinct from all other Sweet Peas.* Watered purple on white ground. Its peculiar markings make this an indispensable variety. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.

3723. **KATHERINE TRACY.** Splendidly formed flower. Exquisite soft pink. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.

3767. **RAMONA.** Flowers of perfect hooded form, of fine substance and beautiful coloring—creamy white striped and barred with pink. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.

3768. **RED RIDING HOOD.** Flowers resemble in form a Snapdragon. Color, rosy pink, shading to bluish white. Pkt., 10c.

**SPECIAL OFFER.** One packet each of above, 7 New Sweet Peas, value 40c., for only 25c net. *No further discount.*

## Complete List of SWEET PEAS.

OUR stocks have been grown by the most careful cultivators, those who know the true varieties. We are certain that these seeds will produce some grand flowers.

These prices are for the seeds, *Postpaid.*

	Pkt.	Oz.	$\frac{1}{4}$ lb.
3678. <b>America.</b> White, striped with scarlet.....	3	5	15
3679. <b>Appleblossom.</b> Bright rose and pink.....	3	5	15
3680. <b>AURORA.</b> See novelties of 1898.....	5	15	50
3683. <b>Blanche Burpee.</b> Pure white, very large...	3	5	15
3684. <b>Blanche Ferry.</b> Pink and white.....	3	5	15
3685. " " <b>Extra Early.</b> 10 days earlier	3	7	25
3686. <b>Blushing Beauty.</b> Delicate, soft pink.....	3	5	15
3687. <b>BRILLIANT.</b> See novelties 1898, front p.	5	15	50
3689. <b>Captain of the Blues.</b> Purple and blue.....	3	5	15
3693. <b>CAPTIVATION.</b> See novelties 1898,	5	15	50
3694. <b>Celestial.</b> See New Sweet Peas.....	5	10	30
3695. <b>Countess of Radnor.</b> Pale mauve.....	3	5	15
3696. <b>CROWN JEWEL.</b> See novelties, 1898	5	15	50
3697. <b>Crown Princess of Prussia</b> Pink.....	3	5	15
3698. <b>Cupid White.</b> See New Sweet Peas.....	5	15	50
3702. <b>CUPID, PINK.</b> See novelties, 1898, front pages. Pkt. (24 seeds) 25c., 5 Pkts., \$1.			
3703. <b>Daybreak.</b> See New Sweet Peas.....	5	10	30
3704. <b>Dorothy Tennant.</b> Rosy mauve. Fine...	3	5	15
3705. <b>Duchess of Edinburgh.</b> Scarlet flushed crimson edged with white.....	3	5	15
3706. <b>Duke of Clarence.</b> Claret color.....	3	5	15
3708. <b>Emily Henderson.</b> Purest white. Early...	3	5	15
3709. <b>Firefly.</b> Deep fiery scarlet.....	3	7	25
3710. <b>Gaiety.</b> Striped crimson on white.....	3	5	15
3711. <b>Gray Friar.</b> See New Sweet Peas.....	5	10	30
3712. <b>Her Majesty.</b> Clear, deep rose.....	3	5	15
3713. <b>Ignea.</b> Deep scarlet crimson.....	3	5	15
3718. <b>Invincible Scarlet.</b> A good, Sweet Pea....	3	5	15
3723. <b>Katherine Tracy.</b> See New Sweet Peas...	5	10	30
3724. <b>Lady Penzance.</b> Orange rose, fine.....	3	5	15
3729. <b>Lemon Queen.</b> Pink, tinted lemon.....	3	5	15
3730. <b>LITTLE DORRIT.</b> See novelties, 1898,	5	15	50
3740. <b>Lottie Eckford.</b> White, edged with blue...	3	5	15
3741. <b>MARS.</b> See novelties, 1898, front pages...	5	15	50
3742. <b>Miss Hunt.</b> Carmine; wings soft pink....	3	5	15
3743. <b>MRS. JOS. CHAMBERLAIN.</b> See novelties, 1898, front pages.....	5	15	50
3744. <b>Mrs. Eckford.</b> Primrose yellow.....	3	5	15
3745. <b>Mrs. Gladstone.</b> Soft, rosy pink.....	3	5	15
3750. <b>NEW COUNTESS.</b> See novelties, 1898...	5	15	50
3752. <b>Orange Prince.</b> Orange pink; lovely.....	3	5	15
3753. <b>Prima Donna.</b> See novelties, 1898.....	5	15	50
3758. <b>Princess of Wales.</b> Striped mauve on white	3	5	15
3767. <b>Princess Victoria.</b> See novelties, 1898...	5	15	50
3768. <b>RAMONA.</b> See New Sweet Peas.....	5	10	30
3773. <b>Red Riding Hood.</b> See New Sweet Peas...	10		
3774. <b>Scarlet Invincible.</b> Brilliant Scarlet.....	3	5	15
3780. <b>Venus.</b> Salmon buff. Shaded pink.....	3	5	15



# ..Collections and Mixtures..

*Read this surprisingly liberal offer:*

**"Surprise" Collection**  
20 PACKETS  
ONLY 50 CENTS.

want to scatter Sweet Peas broadcast this season, so make your selections. *Twenty packets, prepaid, only 50c.*

## "BOUQUET" COLLECTION.

We planned and named this collection a few years ago when the first of the large flowered Sweet Peas made their advent. The object sought for in arranging it is to supply seeds of varieties whose cut flowers, taken collectively, will make a bouquet so diversified in coloring, so perfect in form of flower, as to represent the highest type of improvement in Sweet Peas. But, larger and better varieties are brought out each year with richer hues, brighter and even daintier shades than before. In the present collection will be found **The Cream of Sweet Peas**. There is no dead timber in it. Every variety of similar characteristics and all inferior sorts have been ruthlessly discarded. We now offer a **"Bouquet" Collection** of sixteen of the latest, best and most distinct Sweet Peas as follows:



### Bouquet ... .....Collection

Containing one packet each of the above sixteen superb flowers, 50c.

The sixteen kinds named above, each put up in a separate ounce bag, making a pound of Sweet Peas for 75c. Considering the quality this is a good bargain.

- 3687. **Brilliant.**  
The best scarlet.
- 3694. **Celestial.**  
Lavender blue.
- 3695. **Countess of Radnor.**  
Mauve.
- 3696. **Crown Jewel.**  
Yellow veined, with rose.
- 3703. **Daybreak.**  
Watered scarlet on white.
- 3706. **Duke of Clarence.**  
Claret. Showy flower.
- 3708. **Emily Henderson.**  
Pure white. Early.
- 3711. **Gray Friar.**  
Watered purple on white.
- 3723. **Katherine Tracy.**  
A lovely pink.
- 3730. **Little Dorrit.**  
Rosy pink, wings white.
- 3741. **Mars.**  
Fiery crimson.
- 3752. **Orange Prince.**  
Orange salmon, wings pink.
- 3768. **Ramona.**  
White, striped with pink.
- 3773. **Red Riding Hood.**  
An oddly shaped one.
- 3775. **Stanley.**  
Dark maroon.
- 3780. **Venus.**  
Salmon buff, shaded pink.

**Sweet Peas** FOR EVERY GARDEN.  
At Greatly Reduced Prices



## ROYAL MIXTURE.

It contains seeds of more than thirty varieties of very choice Sweet Peas.

**MAYBE....**

....You think that's exaggeration!

However, we will prophesy that if you allow yourself to invest in even one oz. of our

### "Royal Mixture of Sweet Peas"

you will not only be rewarded with a wealth of glorious flowers, but derive greater satisfaction in growing Sweet Peas than ever before.

These are pure whites and white striped with other colors, fiery scarlets, blues, steel and purple, pinks; all shades, orange, yellow; so many we cannot specify. *There is nothing cheap about this superb mixture except the price, and that is reasonable.* In no other manner can so wide a range of beautiful flowers be found in Sweet Peas as is afforded by purchasing our Royal Mixture. Pkt., 3c.; oz., 7c.; ¼ lb., 25c.; lb., 60c., postpaid.

....SEE....  
WHAT  
IS IN IT!

## SUBURBAN MIXTURE...

There are an abundance of excellent varieties of Sweet Peas in this. It does not contain seeds of the

very newest sorts, but purchasers can rely upon its producing abundance of lovely flowers. Lb., 35c.; ½ lb., 20c.; ¼ lb., 10c.; oz., 5c.; pkt., 3c.

## Hardy or Everlasting Sweet Peas.

(LATHYRUS ODORATUS.)

2835. Climbers growing six to eight feet. Flowers red, white and flesh colored. The roots penetrate the ground to a great depth and survive our winters. Mixed colors. Pkt., 5c.

*If you should receive two copies of this Catalogue please hand one to an interested friend.*





SALVIA, CLARA BEDMAN.

**SCABIOSA. Mourning Bride.**

Summer-blooming border plant, producing very double flowers of various colors. A splendid flower for bouquets.

3520. **Tall Double Mixed.** A. Pkt., 3c.  
 3521. **Dwarf Double Mixed.** A. Pkt., 3c.  
 3522. **Golden Yellow.** Dwarf plants. Double yellow flowers. A. Pkt., 5c.  
 3523. **Snowball.** White.  $1\frac{1}{2}$  ft. A. Pkt., 3c.  
 3524. **Caucasica.** (Hardy Scabiosa.) Pale blue, 2 to 3 ft. Pkt., 5c.

**STOCK, TEN WEEKS.**

(Gillyflower.)

Seeds of the Stock may be sown in the open ground or in the hot-bed, but if to be transplanted, let it be done when the plants are quite small. A little shade from the hottest sun, and water in the evening, will add much to the size, beauty and durability of the flowers.

All varieties are desirable as pot plants as well as in the open garden. A bed of Dwarf German Ten Week Stock when in bloom is a blaze of showy, most fragrant flowers. 9 to 18 inches.

**LARGEST FLOWERING DWARF GERMAN.**

Pkt.	Pkt.
3558. <b>Light Blue</b> .....10c	3554. <b>Purple</b> .....10c
3559. <b>Crimson</b> .....10c	3555. <b>Blood Red</b> ...10c
3560. <b>Canary</b> .....10c	3556. <b>Pure White</b> ...10c
3562. <b>Mixed</b> .....10c	3557. <b>Rose</b> .....10c

3561. **Wallflower-Leaved.** Glossy foliage. Mixed. Pkt., 5c.

3563. **Imported collection of 6 distinct colors,** 30c.

3572. **PARISIAN,** of dwarf habit, splendid for pots. Much larger flowers than the German. Mixed. Pkt., 10c.

3565. **Snowflake.** Pure white flowers, almost like wax. Good for forcing. 9 in. Pkt., 10c.

3566. **Princess Alice.** (Cut and Come Again.) A perpetual bloomer, of tall branching, habit loaded with white flowers. They seem to like to be cut. Pkt., 10c.

3571. **Intermediate.** Sow in July. Bloom in fall or early spring. Double mixed. Pkt., 10c.

3570. **Brompton.** Bushy plants that bloom in winter or early spring. H. H. B. 2 ft. Double mixed. Pkt., 10c.

**SALVIA. (Flowering Sage.)**

Salvias make grand beds of long spikes of flowers of brilliant color. Stand heat and drought remarkably well. They are splendid winter blooming plants in sunny windows. Bloom first year from seed.  $1\frac{1}{2}$  to 2 ft. H. H. P.

3510. **Argentea.** Silvery foliage; white flowers. Pkt., 5c.  
 3511. **Coccinea Hybrida.** Dark crimson, dwarf. Pkt., 5c.  
 3512. **Patens.** Deep, rich blue. A lovely shade. Pkt., 15c.  
 3513. **Splendens.**—(Scarlet Sage.) Bright scarlet. Pkt., 10c.  
 3518. **Clara Bedman.** Differs from all others. Forms a compact bush 2 feet high by 2 feet in diameter. Its bright scarlet flowers standing well out from the plant make it very attractive. *Without question it is the best bedding Salvia yet introduced.* Pkt., 15c.

**SALPIGLOSSIS.**

3519. Strong bushy plants with curiously and beautifully pencilled and marbled funnel-shaped flowers of richest colors. They are among the best fall flowers.  $1\frac{1}{2}$  ft. H. A. Pkt., 5c.



SCABIOSA.

**SMILAX.**

3532. Most graceful greenhouse climber. For bouquets and decorative work indispensable. Leaves small, glossy green. Flowers white, fragrant. T. P. Oz., 75c. Pkt 10c.

**SCARLET  
 RUNNER  
 BEAN.**

3526. A well-known climber with fragrant, scarlet flowers. 12 ft. Pkt., 5c.

**SNAP-DRAGON**

See Antirrhinum.

**SOLANUM.**  
 See Jerusalem Cherry  
 Scarlet, pepper-shaped fruit.



GIANT FLOWERED SWEET WILLIAMS.

**SWEET WILLIAM.***Dianthus Barbatus.*

3541. Matchless border plants with sweet scented, large bright heads of flowers of great beauty. Very easily grown. One of grandmother's favorites. H. P.

**Mixed.** Colors vivid and varied. Pkt., 3c.

**Giant Flowered Sweet William.**

3540. Enormous in size, often as large as a 25 cent piece. Colors, dark crimson, white, pink, striped and others making fine contrasts. Pkt., 10c., 3 for 20c.



## THUNBERGIA.

3581. Rapid growing climbers, with trumpet-shaped flowers. Thrive best in light, rich soil in a warm place in the garden. Suitable for vases, rustic work, etc. 5 ft., H. H. A. Mixed. Pkt., 5c.

### TORENIA FOURNIERI COMPACTA.

3582. A plant suitable for vases, baskets, etc. Blooms all summer in open ground and in greenhouse in winter. This is a great improvement over the old Fournieri, better habit and flowers porcelain blue with yellow throat. Pkt., 10c.

3583. *Fournieri*. Velvety blue. Lovely. Pkt., 10c.

3584. *White Wings*. White with rosy throat. A very distinct variety. Pkt., 10c.

TROPAEOLUM—See Nasturtium (Lobb's).

### LEMON VERBENA.

3585. Different from other Verbenas. **Prized for its sweet-scented foliage.** Comes easy and very true from seed sown in open ground in spring; grows as rapidly as "pussly;" blooms in a few weeks, and is full of flowers all summer. They are *white*, in spikes, not clusters. It is a favorite shrubby plant with those who know it and should be in every garden. Pkt., 7c., 4 for 25c.

## VERBENA.

Most popular flowers are Asters, Pansies, Petunias and Verbenas, and none excel the Verbena for showy flower beds. Sown early they bloom the same year, their large, self-colored, striped and variegated flowers covering the entire plant. *Seedling Verbenas are more fragrant and far stronger in constitution than those propagated from slips.* 1 foot, H. H. P

Price, any of following, pkt., 5c.; one each color (5) for 20c.

3589. Pure White.	3592. Purple.
3590. Vivid Scarlet	3593. Blue Varieties.
3591. Striped Varieties.	3594. Extra Choice Mixed.

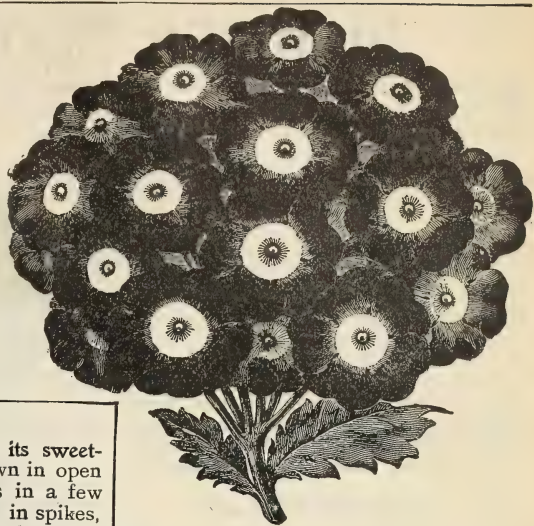
### VIOLET.—(*Viola Odorata*.)

The hardy Sweet Violet that blooms in the spring. They thrive best in a shady place, in moist, rich soil. (*Double Violets do not seed.*)

3614. Single Blue, pkt., 5c. 3625. Single White, pkt., 10c.



ZINNIA.



MAMMOTH VERBENA.

3586. The mammoth flowers of this class when well grown measure fully nine inches in circumference. Plant more vigorous than the ordinary variety, and far excel them in dazzling richness and variety of colors. The distinct white eye adds greatly to their striking and beautiful appearance. Mixed colors. Pkt., 10c.

### NEW DWARF VERBENA.

3587. *The best for bedding* Plants dwarf, 6 inches high. Surrounded with well trimmed grass they make a lovely bed. Mixed colors. Pkt., 10c.

## WALLFLOWER.

3626. Much prized for making bouquets. Flowers are deliciously fragrant, perfectly double, orange, purple and chocolate in color. H. H. P. Mixed pkt., 5c.

### VINCA.—(*Periwinkle*.)

Handsome bushy plants. Sown in March, transplanted in May, will bloom first summer in garden. Taken up in fall and potted will flower during winter, 1½ ft. T. P.

3645. <i>Rosea</i> . Fine shade of rose. Pkt., 5c.
3646. <i>Rosea Alba</i> . White with rose eye. Pkt., 5c.
3647. <i>Rosea Alba Pura</i> . Pure White. Pkt., 5c.
3648. <i>Mixed</i> . The above varieties. Pkt., 5c.

## WILD CUCUMBER VINE.

3633. The most rapid growing vine we know of. Splendid for covering old trees, fences, etc. Will grow thirty feet in one season. Dense, graceful foliage, thickly dotted with white, fragrant flowers. ½ oz., 15c. Pkt., 5c.

## ZINNIA.

General favorites. Thrive in any soil. Plants form bushes two to three feet in height and the very double flowers of various colors form solid heads like Dahlias. H. H. A.

3653. *Giant Flowered*. *The best of all Zinnias*. Flowers brilliant, very double, five to six inches across. Mixed. Pkt., 5c.

### LARGE FLOWERING DWARF DOUBLE ZINNIAS.

3654. <i>White</i> . Pkt., 5c.	3665. <i>Canary</i> . Pkt., 5c.
3659. <i>Scarlet</i> . Pkt., 5c.	3666. <i>Crimson</i> . Pkt., 5c.
3660. <i>Orange</i> . Pkt., 5c.	3667. <i>Mixed</i> . Pkt., 5c.

3670. *Crested and Curled*. Colors orange, purple, pink, rose, etc. Large flowers with twisted and curled petals. Pkt., 10c.

3669. *Zebra*. Flowers striped, spotted and blotched. Nearly every flower is different in markings. Pkt., 5c.

3672. *Double Mexican*. A dwarf-growing class much admired for its extra fine flowers. Mixed. Pkt., 5c.

3673. *Tall Double*, mixed. Many colors. Pkt., 5c.

3674. *Dwarf Double*, mixed. Splendid variety. Pkt. 5c.



# SUMMER FLOWERING BULBS.

**B**ULBS are of easiest culture, inexpensive, and require scarcely any care. They are sure to grow and they make a grand display in a very short time after planting. All bulbs will bloom season after season and they increase very rapidly. Most of them (Lilies are an exception) should be taken up before severe frost and stored away in a frost-proof cellar to be replanted the succeeding spring. Prices given include prepayment by mail unless otherwise noted.

## APIOS TUBEROSA.

A climbing vine having deep, rich purple flowers, something like the Chinese Wistaria. They have a delightful violet fragrance and bloom almost constantly. Bulbs are perfectly hardy and it is unnecessary to dig them in the fall. Each 5c.; 5 for 20c.; doz., 45c.

## AMARYLLIS.

With a little forethought to plant at different times a succession of bloom may be had throughout the year.

**Atamasco.** Fine for bedding. Upright flowers, white suffused with flesh color. Each, 5c.; 3 for 10c.; doz., 30c.

**Belladonna Major.** Blooms in fall. Tall spikes carrying a dozen beautiful, fragrant silvery white flowers tipped with rose. 15c.; 3 for 40c.

**Formosissima.** Rich, deep velvety crimson. Succeeds in pots or grown outdoors in open ground. Each, 10c.; 3 for 25c.

**Johnsonii.** Dark red, with white stripes, splendid. Each, 40c.; 3 for \$1.00.

## BESSERA ELEGANS.

Pretty, bell-shaped flowers, coral-scarlet with white cups. Very graceful, just the thing for borders. Each, 7c.; 3 for 15c.; doz., 60c.

## BEGONIAS, Tuberous Rooted.

Of late years these Begonias have been brought to great perfection. They make splendid beds on the lawn when given protection from the hot sun by a muslin or other shade erected about three ft. above them, and as pot plants they are unexcelled. From the time the first first flowers expand until frost puts a stop to further blooming these plants are literally covered with flowers of the richest colors, embracing every shade of pure white, rose, pink, scarlet, yellow and orange. The flowers often measure six inches across and are much more brilliant than the most dazzling Geraniums, and the cost is materially less. We offer first class bulbs from a celebrated English specialist.

**Single Mixed.** Each, 6c.; 6 for 40c.; doz., 75c.

**Double Mixed.** Each, 20c.; 3 for 45c.; doz., \$1.50.

**Colors Separate.** Single rose, white, scarlet, yellow or pink. Each, 10c.; 6 for 50c.; doz., 85c.

## CALLA LILIES.

**Spotted Leaf Calla.** Dark green leaves, beautifully spotted with white; flowers white with purple throat. Each, 10c.; 3 for 25c.

**White Calla.** The well known variety with large white flowers. Each, 10c.

**Black Calla.** Always scarce. Rich, deep purple flowers of large size. Each, 20c.

## CYCLAMEN.

A splendid pot plant for window culture. Each, 25c.; 3 for 60c.

## HYACINTHUS CANDICANS.

Luxuriant, free-growing, summer-flowering plant, with flower stems 3 to 4 ft. high, bearing from 20 to 30 pure white flowers. Each, 6c.; 3 for 15c.; doz., 55c.



TUBEROUS BEGONIAS—Single and Double.

## CALADIUMS.

Stately plants for planting on lawns singly or in beds with Cannas or Castor Oil plants. Their enormous leaves three feet long, make a grand tropical effect. Will grow in any good garden soil and are very easy to cultivate. Lift them in fall and keep in a warm place over winter.

**First Size Bulbs,** 1½ to 2 inches in diameter, 15c.; not p'd, 10c.

**Larger Bulbs,** 2 to 3 " " 30c.; " 15c.

**Mammoth Bulbs,** 4 to 6 " " 50c.; " 30c.



CALADIUM.

## CINNAMON VINE.

A fine hardy climber, and well known in some parts of the country as Chinese Yam. The tubers grow very large and are edible, like a Sweet Potato. The vine is beautiful rapid grower, producing sweet scented flowers. Each, 5c.; 6 for 25c.

## GLOXINIA.

One of the most charming green-house plants. The gorgeously colored flowers are spotted, shaded or mottled in the most magnificent way. After their blooming season, bulbs should be carefully dried and put away in a dry place. Good bulbs, finest varieties, each, 15c.; 3 for 40c.



# THE BEST CANNAS IN CULTIVATION

**F**EW of any flowers that are produced from tubers will give such a strikingly beautiful effect as these trusses of Cannas when in bloom. Early in June they come into flower and continue until late in September. Cannas are the **most popular decorative plants of the day**. We have never offered a plant that will give such unequalled satisfaction as these. For the present season we offer **THE BEST NEW ONES AT REDUCED PRICES.**

## QUEEN CHARLOTTE.

THE LOVELY GILT-EDGED CANNA.

Three feet—A splendid orange scarlet flower irregularly banded with a broad margin of golden yellow on each petal. Dwarf, sturdy grower, seldom exceeding three feet in height, luxuriant foliage, large, finely formed flowers of excellent texture. An ever bloomer. We know this charming variety will give perfect satisfaction to all. It is suitable either for bedding or growing as a single specimen. Each 20c, 3 for 50.

## EGANDALE.

Four feet—The best of the dark leaved Cannas for bedding. Purple foliage; strong compact flower spikes color, currant red, a color which harmonizes well with the foliage. It is an enormous bloomer, a constant mass of color, exceeding any other variety. Its dark foliage contrasting with the green of others is an additional desirable feature. Each 15c, 3 for 40c.

QUEEN CHARLOTTE. bordered with gold. Its splendid coloring and rounded petals make this one of the most popular Cannas. Great bloomer. Each 10c, 3 for 25c.

**J. D. CABOS**—Medal awarded; 4¾ ft. Leaves green, strongly shaded, purple, flowers large and round, color rich apricot with deeper shadings; attracts the attention of every one because of the novel and distinct color. One of the best. Each 15c, 3 for 40c.

**EXPLORATEUR CRAMPBEL**—The Blood-Spotted Canna. Foliage green, flower large and broad, color a clear vermillion scarlet with crimson spots, distributed evenly over the petals, making a wonderfully brilliant flower. Flower spikes large. Deep colors like this and the Egandale are the coming colors for massing. Each 15c, 3 for 40c.

**SPECIAL OFFER** } The eight superb Cannas above described,  
one good root of each, for 75c prepaid.

## CHICAGO PARKS BEDDING CANNAS.

**SCARLET FLOWERING SORTS**—Many splendid colors. Each 10c, doz. \$1.00, prepaid. Not prepaid, doz. 75c, 25 for \$1.50, 50 for \$2.75.

**YELLOW FLOWERING SORTS**—Variegated, banded, etc. Each 10c, doz. \$1.00 prepaid. Not prepaid, doz. 75c, 25 for \$1.50, 50 for \$2.75.

**MANY SHADES AND COLORS IN MIXTURE**—Three for 20c, doz. 75c, prepaid. Not prepaid, doz. 60c, 25 for \$1.15, 50 for \$2.15.

## FLORENCE VAUGHAN.

THE MOST FAMOUS OF ALL CANNAS.

Four feet—This still continues to be the most perfectly formed flower of the Canna family. Petals being broader and better rounded than in Madame Crozy. Color, brilliant golden yellow, dotted with scarlet. No Canna bed is complete without this fine large-flowered variety. A few years ago it sold for \$3.00 each. Notice the price we now offer and be sure to include at least one, better half a dozen, in your order. Each 15c, 3 for 40c.

## ALPHONSE BOUVIER.

Five and one-half feet—Desirable for center of large beds. Brilliant crimson flowers of the largest size. A strong grower and most profuse bloomer. Very large flower spikes. Each 15c, 3 for 40c.

## CHAS. HENDERSON.


Four feet—One of the finest Cannas grown. Rich crimson, perfect form, a wonderful free and continuous bloomer. A splendid bedding sort, the heads of very large size. Foliage dark green. Each 15c, 3 for 40c.

## MADAM CROZY.

Four feet—Very large vermillion flowers with gold. Its splendid coloring and rounded petals make this one of the most popular Cannas. Great bloomer.





New and  Improved

# Dahlias

The coming  
POPULAR FLOWER.

THE long neglected Dahlia is again fast coming to the front. Set them out the last of May in deep, rich ground. Cover with about three inches of soil. During August and September the plants will be loaded with flowers. We know of nothing more than a well-arranged bouquet other Dahlias. Our collection is up-to-date. The tubers or dry size and will flower the same put into the ground until we will book orders any time, hold the tubers until May 1, risk. There is no advantage to be gained by earlier planting.

PROF. L. H. BAILEY, Cornell University, says:  
"I believe the Dahlia has come to stay as a popular flower. I have the greatest confidence in it and predict a great future for it. Everybody should grow a few Dahlias for their own benefit. It will do them good."

showy for table decoration of long-stemmed Cactus and tion is very complete and up-ROOTS we offer are of good season They should not be settled weather, say May 20. but unless otherwise instruct-  
*If sent sooner at purchaser's*

**DRY ROOTS**, except noted, each, 20c.; 3 for 50c.; doz., \$2.00, *postpaid*. Larger roots at same price by express, *not prepaid*.

## Cactus Dahlias.

Of all the Dahlias, those of the so-called Cactus class, with their large, broad petalled flowers, are most highly prized for decorative purposes.

**Crimson Giant**. "Hard to Beat." Rich in color, constant in bloom; strong, vigorous grower.

**Glare of the Garden**. Another good one. Scarlet flowers of odd form; early flowering.

**John Bragg**. Handsome, showy flowers; dark maroon in color.

**Marchioness of Bute**. Pure white with rosy tips.

**Nymphaea**. (*The Pink Water Lily Dahlia*.) One of the finest of all; large, graceful, chaste. Petals broad and waxy; full, incurved center. The color is rare and novel, a clear, light, shrimp pink, shaded darker toward the outer petals.

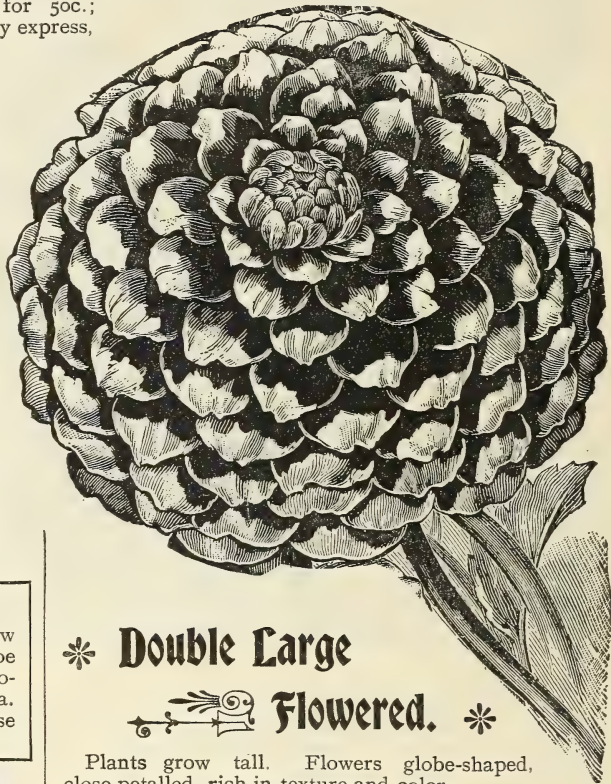
**Panthea**. Rich salmon; a peculiar shade. Pretty.

**Picta, Formosissima**. Orange, striped with scarlet bands.

**Professor Baldwin**. Bright orange.

**Maher**. Golden yellow; prolific bloomer.

**Zulu**. Almost black; well-formed flower.



## \*\*\*New Cactus Dahlia.\*\*\*

**CLIFFORD W. BRUTON**. This superb new variety is acknowledged by all who have seen it to be the finest yellow Decorative Cactus Dahlia ever produced, and is the greatest acquisition since *Nymphaea*. It is a very strong, sturdy grower and a profuse bloomer. Whole roots, 75c.; started plants, 50c.

## © Pomponé, or Bouquet. ©

These make elegant pot plants, and for outdoor culture are charming. The flowers, though small, are graceful in form, borne on long, slender stems, and valuable for bouquets.

**Alba Floribunda**. Pure white, neat and chaste.

**Eleganta**. Pink in two shades, soft and deep.

**Juliette**. Yellow-shaded orange.

**Kate Haslan**. Clear pink, ball-like flower.

**King of Dwarfs**. Dark maroon, rich texture.

**Mary Kirk**. Pleasing yellow; fine bushy habit.

**Mignon**. Bright crimson scarlet; showy.

**Snowclad**. Very full; pure white.

**Winnifred**. A gem from England. Pure white flowers, occasionally tipped with lavender.

## Single Flowering.

Remarkably early and constant in bloom. Flowers large on long stems. By many preferred to double varieties as cut flowers. Any color from white to darkest maroon.

## \* Double Large

## \* Flowered. \*

Plants grow tall. Flowers globe-shaped, close petalled, rich in texture and color.

**Fire King**. Blooms very early. Deep scarlet flowers that glow like fire.

**General Grant**. Orange, striped with chocolate.

**Guiding Star**. Pure white flowers with toothed or fringed petals.

**Marguerite**. Deep pink, handsome.


**Miss Thatcher**. The queen of yellow Dahlias. Early, constant and prolific bloomer. On our grounds last fall this variety was a blaze of golden glory for two months.

**Mrs. Langtry**. Very large flower, cream colored, edged with crimson.

**Prince Henry**. Lilac, striped with purple; distinct.

**Sunset**. Large flower; yellow, flaked with scarlet.

**NOTE**.—We have many varieties not mentioned herein of all the different classes. If selection is left to us we will send, postpaid, twelve good tubers, part of each class, for \$1.50, or six for 80c. Larger roots at same price by express.

 We call special attention to **Sheep Manure** (see last page) as a special fertilizer for Dahlias. It produces vigorous growth and greatly increases size of flower.

**SPECIAL OFFER** { The Complete Collection, one each of all the new and superb Dahlias (28) on this page at the very low price of \$4.50, postpaid. Larger tubers at same price, by express, *not prepaid*.



# GLADIOLI.

*The most  
stately and  
effective Plants  
produced  
by Summer  
Flowering  
Bulbs.*



TO the culture of Gladioli we devote a large acreage, and each season our fields when in bloom are a great attraction. They are sure to flower in any soil; have no insect enemies nor diseases; flowers of almost every color. By cutting the spikes when two or three of the lower flowers are open, and placing them in water, the entire spike will open up even to the tip end. They are very effective grown among shrubbery. Set the bulbs six inches apart, three inches deep. Plant from middle of April to first of June. At single and dozen rate we send postage or express paid. 100 rate not prepaid; 25 bulbs sold at 100 rate.

## SELECT GLADIOLI, Under Colors.

Young, vigorous bulbs, sure to produce fine flowers.

	Each.	Doz.	100
Red and White .....	\$0 03	\$0 25	\$1 50
Pink and Salmon .....	5	40	3 00
Yellow Shades .....	5	45	3 50
Light and White .....	5	40	3 00
Striped and Variegated .....	5	45	3 50
All Colors Mixed .....	3	25	1 50

## LEMOINE'S BUTTERFLY GLADIOLI.

Flowers of richest texture and most vivid coloring, with peculiar blotches on the lower petals. 3 for 15c.; doz., 50c. *Prepaid.*

## GLADIOLUS CHILDSII.

A distinct mammoth race of Gladioli, stronger and more vigorous than ordinary varieties. They have stiff stems four to five feet high, with spikes of bloom two feet in length. Every flower is a perfect beauty and of every color known among Gladioli in this race. Each, 15c.; 2 for 25c.; \$1.25 per doz.

## SELECT NAMED GLADIOLI.

1. **Africain.** Slaty-brown on scarlet ground, streaked with scarlet and pure white. 100c.
2. **Angele.** White. Snowy and effective. Each, 8c.
3. **Brenchleyensis.** Bright scarlet. Doz., 40c.; each, 5c.
4. **Ceres.** White, spotted rose. Each, 5c.
5. **Eugene Scribe.** Tender rose, variegated. Each, 6c.
6. **Gen. Phil. Sheridan.** Fire-red, white line running through each petal. Each, 15c.
7. **Isaac Buchanan.** Very fine yellow. Each, 6c.
8. **Lamark.** Cherry, white throat. Doz., 40c.; each, 5c.
9. **Lord Byron.** Brilliant scarlet, blotched white. 8c.
10. **Napoleon III.** Scarlet striped white. Each, 5c.
11. **Octoroon.** Very fine salmon pink. Each, 10c.
12. **Shakespeare.** Early; grand flower, white with carmine rose. Large bulbs, each, 12c.; 6 for 60c., postpaid.
13. **Martha Washington.** Unexcelled for cut flower purposes. Color light yellow, lower petals tinged with rose. Spike erect, neatly arranged with well-formed flowers. Each, 10c.

**COLLECTIONS** { A. Nos. 2, 3, 4, 5, 7 for 25c.  
NAMED { B. Nos. 1, 2, 4, 5, 6, 10, 11 for 50c.  
GLADIOLI. { C. The complete set, 1 to 13, all labelled, \$1.00.

**THE QUEEN.** Undoubtedly the largest and most beautiful Gladiolus in cultivation. The flowers are rich and velvety, the ground colors of the petals a pearly white, which is striped with a rich carmine, shaded and blotched with a rosy carmine. The plant is a strong grower with a stout flower stock, about three inches high, and remarkably filled out with blossoms on all sides. Each, 20c.; 3 for 50c.

## SPECIAL BULB OFFERS.

*Two valuable collections at greatly reduced prices.*

### 50 CENT BULB COLLECTION.

Contains 13 Summer-Flowering Bulbs which we will send free by Mail or Express for 50c.

- |                             |                                 |
|-----------------------------|---------------------------------|
| 1 <b>Apios Tuberosa.</b>    | 1 <b>Hyacinthus Candicans.</b>  |
| 1 <b>Begonia, Tuberous.</b> | 3 <b>Gladiolus, mixed.</b>      |
| 1 <b>Tigridia.</b>          | 3 <b>Cinnamon Vines.</b>        |
| 2 <b>Cannas.</b>            | 2 <b>Dwarf Pearl Tuberoses.</b> |
| 2 <b>Gladiolus, mixed.</b>  |                                 |

### \$1.00 BULB COLLECTION.

Contains 28 Summer-Flowering Bulbs which we will send free by Mail or Express for \$1.

- |                               |                                 |
|-------------------------------|---------------------------------|
| 2 <b>Apios Tuberosa.</b>      | 1 <b>Dahlia, Double.</b>        |
| 1 <b>Begonia, Tuberous.</b>   | 3 <b>Gladiolus, mixed.</b>      |
| 1 <b>Caladium Esculentum.</b> | 2 <b>Hyacinthus, Candicans.</b> |
| 3 <b>Cinnamon Vines.</b>      | 1 <b>Tiger Lily.</b>            |
| 1 <b>Selected Hardy Lily.</b> | 3 <b>Maderia Vine.</b>          |
| 2 <b>Cannas, New French.</b>  | 2 <b>Milla Biflora.</b>         |
| 2 <b>Pearl Tuberoses.</b>     | 3 <b>Amaryllis Atamasco.</b>    |

All the above Bulbs are fully described and some of them illustrated in the Bulb Department of this Catalogue. Compare this very low offer with regular rates.



# Hardy Lilies.

Lilies thrive best in a dry, rich soil. They should be planted deep, as they form two sets of roots, one below, the other above the bulb. All Lilies offered on this page are hardy enough to stand the winter out doors. It is well, however, to protect them with a covering of litter or straw.

*Prices include postage unless otherwise stated.*

**AURATUM.** (*Gold Banded.*) Extremely fragrant and very beautiful. Flowers white, dotted with crimson, with a golden band running through center of each petal. *First size*, each, 15c.; 3 for 40c.; doz., \$1.50. *Not prepaid*, Large bulbs, each, 10c.; doz., \$1.00.

**LONGIFLORUM.** (*Easter Lily.*) Pure white, trumpet-shaped flowers 6 to 8 inches long. A favorite sort for the garden. *First size*, each, 15c.; 3 for 40c.; doz., \$1.50. *Not prepaid*, Large size, each, 10c.; doz., \$1.50.

**Tigrinum.** (*Single Tiger Lily.*) Flowers, orange red, spotted black. Each, 10c.; 3 for 25c.; doz., \$1.00. *Not prepaid*, each 5c.; doz., 50c.

**Tigrinum fl. pl.** (*Double Tiger Lily.*) Very large, double flowers. Each, 10c.; 3 for 25c.; doz., \$1.00. *Not prepaid* each, 8c.; doz., 80c.

**Tenatifolium.** (*Siberian Coral Lily.*) Of dwarf habit. Flowers, bright red, drooping. Each, 15c.; 3 for 40c.; doz., \$1.00. *Not prepaid*, each, 10c.; doz., \$1.00.

## SPECIOSUM.—(*Hardy Garden Lilies.*)

*Of easiest culture. Once planted, there to stay.*

**ALBUM.** Pure white. *First size*, each, 20c.; 3 for 55c.; doz., \$2.00. *Not prepaid*, Large bulbs, each, 15c.; doz., \$1.50.

**RUBRUM.** White ground dotted and shaded with red. *First size*, each, 15c.; doz., \$1.50. *Not prepaid*, Large bulbs, each, 10c.; doz., \$1.00.

**MELPOMENE.** Rich blood-crimson, heavily spotted. Each, 20c.; 3 for 55c.; doz., \$2.00. *Not prepaid*, each, 15c.; doz., \$1.50.

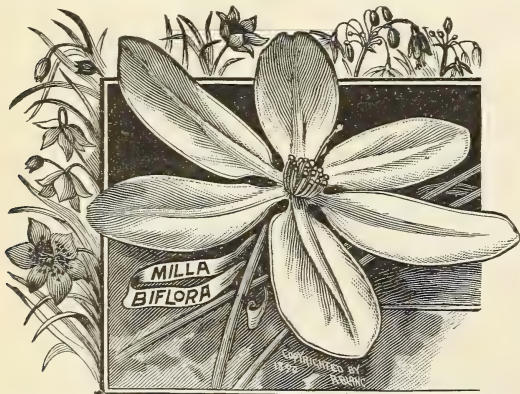
One nice bulb of each of 8 above Lilies for \$1.00 postpaid.

## LILY OF THE VALLEY.

**Clumps.** For outdoor planting. Extra strong. Each, 35c. *Not prepaid*, each, 25c.; doz., \$2.50.

## MADEIRA VINE.

The old favorite "Climbing Mignonette." Thick glossy leaves and long, feathery, very fragrant, white flowers. Each, 5c.; doz., 50c. *Not prepaid*, doz., 30c.



**MILLA BIFLORA** Lovely pure white flowers, usually in pairs. Will keep for days when cut and placed in water. Each, 10c.; 3 for 20c.; doz., 60c.

**PAEONIES.** See Hardy Plants. Page 92.

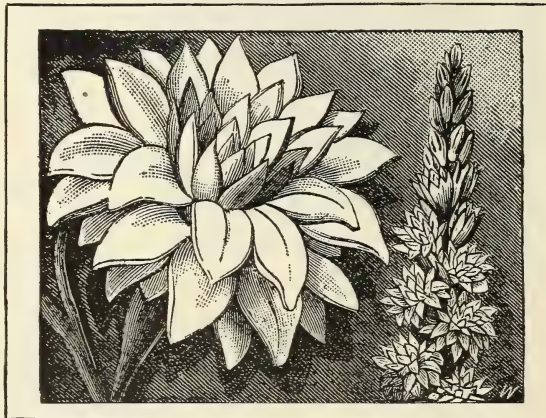


AURATUM.

## SUMMER FLOWERING OXALIS.

Splendid for edging flower beds, walks, etc. The little bulbs planted 3 inches apart will, during the summer, form rounded rows a foot high, constantly loaded with pink and white flowers. Doz., 10c.; 100, 50c.

**TIGRIDIA.** Large, exquisitely spotted flowers, which make a beautiful display planted in masses in borders. **Alba**, white, spotted crimson. Each, 8c.; 3 for 20c. **Conchiflora**, yellow. Each, 5c.; doz., 30c. **Pavonia**, crimson, variegated yellow. Each, 5c.; doz., 30c.



## TUBEROSES.

No better Tuberose bulbs than we supply are to be had anywhere. They are sure to produce flowers true to name, of fine form and delightful fragrance.

**Dwarf Pearl.** Stem about 2½ feet. Selected large bulbs. Each, 5c.; doz., 50c.; 100, *not prepaid*, \$2.00.

**Tall Italian.** Grows 4 feet high. Large bulbs, each, 5c.; doz., 50c.; *not prepaid*, 100, \$2.00.

**Variegated Leaved.** Foliage striped; flowers smaller than the double varieties. Each, 10c.; 3 for 25c.; doz., \$1.00.

**Single.** Also called Orange-flowered. Blooms very early. Each, 7c.; doz., 75c.; *not prepaid*, 100, \$3.00.

**COLLECTION.** 12 Tuberose Bulbs (4 Dwarf Pearl, 4 Tall Double, 2 Variegated-leaved and 2 Single) for 50c., postpaid.

**ZEPHYRANTHES.** See Amaryllis Atamasco. Page 82.



# Flowering and Foliage Plants.

FOR BEDS, BORDERS, GREENHOUSES, ETC.

Please  
Read  
Carefully.

**O**UR rapidly increasing mail trade in Seeds and Bulbs brings with it a demand for a more extended list of Flowering and Foliage Plants. Desiring to make our service to customers as complete and convenient as possible, we have somewhat extended this portion of our catalogue, and trust our friends will avail themselves of this opportunity to obtain *all garden supplies* from one source.

The culture of plants for shipping long distances by mail or express requires special care, and we are proud of the stock we offer because it is far and away beyond the ordinary run of slightly-rooted, mushroom growth plants usually sent out in mail orders. We send clean, healthy stock only, well grown and hardened, and packed in the most improved manner, so that it will reach the purchaser in the best possible condition.

**Postage Paid.** At prices given we mail all plants (except such as from their size or otherwise are unmailable, and so stated), prepay the postage and guarantee safe delivery.

**Express Shipments.** Plants offered "by express" or ordered shipped by that method go at buyer's expense. Express rates are 20 per cent. less than formerly and larger plants and more of them are always put into orders so forwarded. The ball of earth is left almost intact on the roots of the plants, hence they receive no check, but go on growing right along.

\*Plant orders for a less amount than 50c. must have 10c. added for postage.\*

## ABUTILONS.

**Souvenir de Bonn.** New. Leaves edged with a pure white band. Flowers orange, veined with crimson. A rapid grower, young plants soon form fine specimens. 20c.

**Eclipse.** A trailing variety with mottled foliage, flowers yellow, with crimson throat. 10c.

**Golden Fleece.** Bright golden yellow flowers. 10c.

**Boule de Nieve.** Pure white. Strong grower. 10c.

*The 4 Abutilons for 40c.*

## LEMON VERBENA (Aloysia Citriodora).

A shrubby plant valued for the delightful fragrance of its foliage; indispensable for bouquets. 15c.

## BEGONIA REX.

The Rex varieties, of which we have a dozen or more, varying in color and markings, are very effective as pot plants. Care should be taken to keep the foliage free from dust. Occasionally the plants may be showered, but should not be exposed to the sun until the leaves are perfectly dry.

Each 15 and 20 cents, according to size. 8 varieties, our selection, \$1.00.



**Shipping.** Plant orders will be held until April 1, when we begin shipping to the warmer States and northward, as the weather permits. We will not assume responsibility for loss by earlier shipments, but will make them if desired.

**Club Orders.** Our very low prices will not permit us to offer any discount, but we will allow those who secure club orders to select extra plants. State what you think you should have for your trouble, and we will be as liberal as the size of the order will admit. We guarantee satisfaction in all cases.

## ARTILLERY PLANT (Pilea).

A very neat and pretty plant, resembling some of the Ferns in general appearance. It has fine, moss-like foliage and small pink flowers. 10c.



COPYRIGHTED  
1894  
BY B. McCREGILL

BEGONIA THURSTONI.

## \*...BEGONIAS....\* The Best of the Flowering Varieties.

Price, each, 15c., unless noted; 6 named sorts, our choice, 50c., postpaid.

**Alba Picta.** Bushy grower, Slender leaves, spotted white; flowers white.

**Argentea Guttata.** Oblong, purple bronze leaves with silver markings; white flowers on tips of the stems. A grand plant.

**Manicata Aurea.** Large, glossy leaves, blotched with creamy white. Flowers, delicate blush on long stems. Splendid foliage plant. 20c.

**Thurstoni.** A cross between Metallica and Sanguinea. Flowers deep pink. A splendid variety for bedding in partial shade. See illustration on this page. 20c.

**Metallica.** Glossy green leaves with darker veins, beautifully crimped; underside of leaves and stems hairy.

**Rubra.** Scarlet, wax-like flowers. Strong grower; free bloomer. Foliage very handsome.

**Sandersoni.** Blooms the year around. Heart-shaped scarlet flowers. Small leaves. Grows bushy.

**Sanguinea.** Thick, leathery green leaves, darker underneath. Splendid for a bracket.

**Vernon.** Deep green leaves; red flowers. The best bedding variety. Comes into bloom in June and continues all summer.



# CARNATIONS.

Each, 15c.; 3 for 40c.; doz., \$1.50.

**THE CARNATION** is the sweetest and most beautiful flower (except perhaps the Rose), in cultivation. Too much praise cannot be given them, nor enough said to induce people to plant them. The flowers are very fragrant and are borne in the greatest profusion.

**DAYBREAK.** Bright flesh color, with no salmon shadings; last a long time when cut. A free blooming, long stemmed variety.

**EDNA CRAIG.** A remarkably handsome flower. The color is a lovely shade of clear, soft, light pink. The flowers are of fine form, with heavily fringed petals.

**GOLDEN GATE.** Golden yellow; has no stripes or foreign color. Full and double. Strong, healthy grower.

**LIZZIE MCGOWAN.** Large pure white flowers, beautifully fringed.

**PORTIA.** Intense bright scarlet; flowers medium size and freely produced.

**TIDAL WAVE.** Bright, rosy pink, changing to carmine pink. Healthy and free-blooming.

**THE BANNER.** Delicate, light salmon pink, striped with bright scarlet. Flowers measure three inches across when fully developed.



*The seven Carnations for 50c.*

## CALADIUMS. FANCY LEAVED.

Now much used for summer and fall decoration. They are easily grown in pots or boxes, or in shady situations out of doors. The dry tubers require to be kept warm in winter. We offer started plants only; each, 20c; six distinct sorts, \$1.00.

## CALLA LILIES.

**TOM THUMB CALLA**—Little Gem. This is a dwarf variety of the old Calla Ethiopica, rarely ever growing over 10 to 12 inches high; a plant that can be used with telling effect in many places where the tall Calla could not on account of its tall growth. It commences to bloom when very small, often two or three flowers from 4-inch pot plant. 20c; 3 for 50c; strong plants, 35c; 2 for 50c.

**CALLA ETHIOPICA**—the Common Calla. A favorite old plant for house culture, with large leaves and white, trumpet-shaped flowers. Small plants, 10c; strong flowering bulbs, 15c; extra strong, 25c.

**BLACK CALLA** (Arum Sanctum). Flowers very large, of same shape as the ordinary Calla, but from 12 to 15 inches long and 4 inches broad; of a rich dark purple color on upper side, and green on under side. The leaves are large and very wavy, of a rich deep green color, veined lighter; in shape resembling the common Calla. 20c; stronger bulbs, 30c.

**SPOTTED CALLA** (Richardia Alba Maculata). A variety with beautifully spotted foliage; flowers pure white, shaded violet inside. Bulbs, each, 15c; 2 for 25c.

*The 4 Calla Lilies for 50c.*

## COBEA SCANDENS.

One of the best and most rapid growing annual vines for porches, trellises, etc. One plant will soon cover 40 feet of surface. The flowers are large, blue, bell-shape. They come into bloom early and continue until frost. 15c.

## COLEUS.

A few dozen of these plants will make a beautiful bed. There is such an endless variety in their colors and markings that with a little taste in planting varieties, the most gratifying results can be obtained at a trifling cost. Doz., 75c; each, 10c.

## CYPERUS ALTERNIFOLIUS.

*Umbrella Plant.*

A splendid aquatic plant, throwing up stems two to three feet high, surmounted at the top with a whorl of leaves, diverging horizontally, giving it a very novel appearance; fine for the center of vases or aquariums. 15c.

## CHRYSANTHEMUMS.

From the almost innumerable varieties we select twelve of the very best, unsurpassed for form and diversity of color.

**Unless noted, each 10c, 3 for 25c, the 12, \$1.25.**

**E. MOLYNEUX.** Rich deep maroon red; outside of petals when expanded is a rich golden tint, petals immense in both width and length.

**EUGENE DAILLEDOUZE.** Bright clear golden yellow. Large, full, double; glowing in color, stiff stem and good foliage, and a free, easy grower. There is nothing brighter among yellows. 15c.

**HARRY E. WIDENER.** Bright yellow, without shadings. Flower large, on stiff, stout stems that hold the flowers erect without support; incurving, forming a large, rounded surface; petals crisp and stiff.

**INTER OCEAN.** This is a grand variety. The color is a glistening, pearly white, with light suffusion of pink. Petals of great substance. The stems are very stiff, the foliage handsome and carried close to the flower. 20c.

**IVORY.** Flowers pure white, of exquisite form and finish; petal stiff and lasting. As a specimen plant for pot culture there is none better.

**MAJOR BONNAFFON.** Soft, clear, incurved yellow, full to the center; 6 to 7 inches in diameter and nearly as deep. Habit dwarf; keeping qualities excellent. 15c.

**MRS. E. G. HILL.** One of the earliest of all the very large flowered sorts. Color delicate pink, shading from color of La France rose to the flesh pink found in Daybreak carnation. Flower very large, 7 to 8 inches in diameter; full to the center. 20c.

**MRS. JEROME JONES.** Large, cream white, incurved, Japanese, sometimes showing a tinge of pink; high, round flower; one of the best chrysanthemum flowers to date.

**NIVEUS.** A grand snow white variety. Center irregularly incurved with outer petals reflexing nearly to the stem.

**PITCHER and MANDA.** Reflexed Japanese, not deep, but solid and of large diameter; the outer five or six rows are creamy white and of dahlia-like form, the center is bright yellow. 20c.

**PRES. WM. R. SMITH.** Color a beautiful, clear, flesh pink; very heavy in substance, on stiff stems; double.

**THE QUEEN.** A grand pure white of extra large size of beautiful, half globular form with broad, incurved shapely petals of good substance. One of the finest, if not the finest Chrysanthemum of its color. 15c.

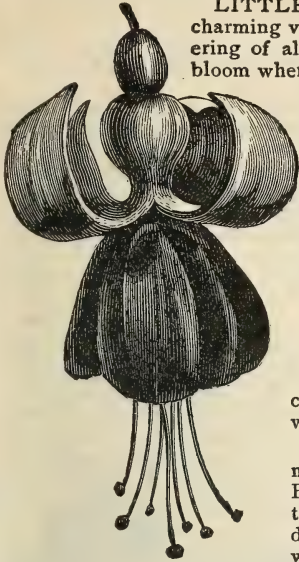
**SPECIAL OFFER:** We will send 16 varieties of our own selection, choice kinds, all labeled, for \$1.00.



## FUCHSIAS.

Fuchsias are excellent plants for growing in pots. They delight in rich soil and a shady situation. Fuchsias will do well bedded out on the north side of the house.

Unless noted, each 10c.; doz., \$1.00.



**LITTLE BEAUTY.** This is a charming variety and the freest flowering of all Fuchsias. It begins to bloom when only two or three inches high, and continues to flower the year round, often one hundred open blossoms at one time on a single plant in a small pot. Flowers of good size. Tube and sepals bright red, corolla deep purple. Every lover of Fuchsias should have this little gem. 20c.

**BLACK PRINCE.** Single; tube and large sepals waxy carmine; corolla pale pink, large and wide open.

**MRS. E. G. HILL.** The most perfect double white Fuchsia yet introduced; tube and sepals bright reddish crimson, contrasting with the large pure white corolla to great advantage.

The plant is of splendid habit, a remarkably free grower, yet compact and symmetrical in form; free bloomer. 15c.

**MRS. MARSHALL.** White tube and sepals; corolla carmine rose. An old favorite.

**PHENOMENAL.** Flowers very large; short tube and sepals of a bright rich crimson color; corolla bright violet purple; very full and double.

**STORM KING.** The flowers are of extraordinary large size and very double; corolla a beautiful blush white, veined with carmine; tube and sepals carmine red. 15c.

**SPECIOSA.** Unsurpassed for winter blooming. A strong, vigorous grower, and almost at all times in bloom. Pale red tube and sepals; dark red corolla.

*The 7 Fuchsias for 60 cents.*

## HELIOTROPES.

These plants are universal favorites on account of their delightful fragrance. Flowering equally well as bedding plants in summer or as pot plants in the house during winter. 10c.

## HYDRANGEA.

Hydrangeas are among the easiest of all plants to grow. They are always attractive and stand any amount of neglect. Just the thing for a tub on the front porch.

**OTAKSA.** A splendid variety from Japan. Flowers large, bright pink, tinted blue; produced freely. 15c.

**THOMAS HOGG.** The immense trusses of flowers are first slightly tinged with green, becoming of the purest white, and remaining so a long time. 15c.

**PANICULATA** See Hardy Shrubs.

## IVIES—*Hedera*.

Valuable for covering brick walls and upon the north or shady side of buildings; also excellent parlor ornaments and most desirable hanging basket plants.

**ENGLISH.** The well-known European variety. 15c.

**GERMAN.** A beautiful and rapid growing vine, one of the most desirable for hanging-baskets or vases. 10c.

## GERANIUMS.

Are you looking for something which will make a brilliant, showy bed on the lawn this summer? If so, you will find it in the Champion Set we offer below.

Unless noted, each 10c.; doz., \$1.00.

### CHAMPION SET OF BEDDING GERANIUMS.

**ATHLETE.** Clear scarlet. Very large. Double. 15c.

**GEN'L GRANT.** Finescarlet. Grand bedder. Single.

**GLOIRE DE FRANCE.** Salmon with white. Double. Very large truss of flowers. 15c.

**HETERANTHE.** Soft scarlet. Semi-double.

**JULES FERRY.** Deep crimson. Single.

**LE CID.** Brilliant crimson red. Double.

**LA FAVORITE.** Snow white. Double.

**MARY HILL.** Deep pink. Single.

**QUEEN OF THE WEST.** Orange salmon. Fine bedder. Single.

**SIR TREVOR LAWRENCE.** Rosy peach. Double.

**SOUVENIR DE MIRANDE.** A splendid variety. Cherry red, white markings in center. Single. 15c.

**WHITE SWAN.** Best pure white. Double.

*The Champion Set of 12 Geraniums for \$1.00, postpaid.*

### IVY LEAVED GERANIUMS.

A splendid class of climbing or trailing geraniums, adapted for baskets, vases, rock work, and trailing on trellises. They have fine, thick, glossy foliage, which of itself would be of sufficient beauty to warrant their cultivation. They bloom with the greatest freedom during the spring and summer. Several standard varieties, double and single, each 10c.

### VARIEGATED LEAVED.

Buy these for something handsome in pot plants.

**HAPPY THOUGHT.** A tri-color Geranium, with very dark green foliage, having a light, creamy, almost white center, with a dark band about the light zone. It is a beautiful plant, and the flowers bright scarlet. 15c.

**MOUNTAIN OF SNOW.** Foliage green, handsomely bordered with white; flowers scarlet; a fine bedder, the best variety of its color. 15c.

**MAD. SALLEROI.** A very compact variety of Silver Geranium; very fine for massing or bordering; a thrifty, healthy grower, rarely reaching a height of more than six inches; leaves very small, of a peculiar clear green, edged with pure white. 10c.

### SCENTED LEAVED.

Balm, Dr. Livingston, Lemon, Rose, Shrub-land Pet. Each 10c.

### MANETTIA

#### VINE.

A beautiful free-growing vine with small, tubular-shaped flowers of a rich, fiery scarlet color, shading off into a bright yellow at tip of flower. It commences to bloom when very small, and flowers continually. A valuable plant for small trellises, vases or baskets. 10c.



MANETTIA VINE.



# EVERBLOOMING ROSES.

SUITABLE FOR  
BEDDING OR..  
POT CULTURE.

GREENHOUSE GROWN *Each and every one a gem. Sure to grow and bloom where others fail. Profuse bloomers, producing the most handsome buds you ever saw.* PRICES INCLUDE POSTAGE.

## Best Six New Roses for 75c.

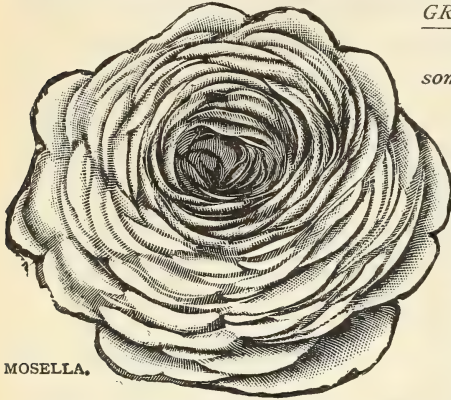
**SOUV. PRESIDENT CARNOT.** Considered the best new Rose. Strong, vigorous grower, producing long-stemmed flowers of great substance. Color, delicate pink in centre; edge of petals flesh color. An ideal garden rose. 30c. each, 2 for 50c.

**Madame Abel Chatenay.** A constant bloomer of vigorous growth. Bud very fine, opening spirally; flowers full, of medium size, color carmine-rose, shaded with salmon. 25c. each, 5 for \$1.00.

**MOSELLA.** (Yellow Soupert.) A valuable new Rose. Color, beautiful light yellow shading to white at edge of petals, plant dwarf, bushy and very free flowering in clusters, three to five flowers in a cluster. 20c. each, 2 for 35c.

**Marion Dingee.** Large double cup-shaped. Deep rich crimson flowers. 15c. each, 2 for 25c.

**Golden Gate.** Flowers large and full; creamy white, suffused golden yellow. Desirable; one of the best new ones. 15c. each, 2 for 25c.



MOSELLA.

**Mrs. W. C. Whitney.** Delightfully fragrant, color a clear deep pink. The flowers are large and full, with fine, large elongated buds. They are perfect in form and look well either as buds or when fully expanded. 20c. each, 2 for 35c.

FOR 75 CENTS WE WILL SEND ONE STRONG PLANT EACH OF SIX NEW ROSES.

## Eight Ever-Blooming Roses for 60c.

Especially adapted for garden culture in summer or house plants in winter. None better for bouquets. They will yield a mass of roses the entire season.

**Bridesmaid.** (See cut.) Bright pink, large and double. Easily grown. Grand winter bloomer. 20c. each, 2 for 35c.

**Clothilde Soupert.** A famous Polyantha Rose. Splendid bedder. Outer petals pearl white, shading to a rosy pink centre. 15c. each, 2 for 25c.

**Souv. de Lawrence Guillot.** A unique rose of many shades and colors in combination. Deep pink shading to peach, each petal bordered carmine. 20c. each, 2 for 35c.

FOR 60 CENTS we will send one each of above Eight Choice Roses.

## LA FRANCE ROSES.

Famous for their hardiness, lovely and fragrant flowers.

**La France.** One of the most beautiful and popular of all roses, unequaled by any in its delicious perfume. Very large, double and superbly formed. Color light rose, shaded silvery peach. Difficult to convey any idea of its beautiful coloring. 15c.

**Duchess of Albany.** (The Red La France.) A sport from the well-known La France, but larger in size, deeper in

FOR 50 CENTS we will send postpaid one good strong plant of all Four La France Roses.

color and of more expanded form. Grand large buds. 15c.

**Augustine Guinoiseau.** (The White La France.) The color of the flowers, while not a pure white, is of a most delicate blush, shaded lighter at the edge of petals. A strong grower and profuse bloomer. 15c.

**Madame A. Veyset.** (The Striped La France.) Exquisite colorings, satiny peach pink, striped and shaded white and rose. 15c.



BRIDESMAID.

•• GRAND ••  
**HARDY  
CLIMBING  
ROSE.**

•• **Crimson Rambler** ••

An extremely rapid grower, bearing

**Crimson Flowers in Marvelous Profusion.**

Makes shoots eight to ten feet long the first season. Strong, field grown plants.

By express only, each, 25c.

**SMILAX.**

A beautiful climbing plant with small dark green leaves. It is always much admired for its gracefulness and delicacy.

Nice plants, each . . 10c.



## HYBRID PERPETUAL ROSES.

The flowers of this class of roses show the most brilliant colors imaginable. They are of immense size, 5 inches and over in diameter, and during the blooming season of the Hybrid Perpetuals no other flower will equal them in brilliancy or variation of color and exquisite fragrance. No garden is complete without a bed of these beautiful roses. Although perfectly hardy they are benefited by a covering of straw during the severe season. We contract for immense quantities of these roses in Europe, receiving extra strong 2-year-old stock, which has never failed to meet with approbation from our customers. Owing to their extra large size they are suitable for immediate effect and admirably adapted for the formation of permanent rose beds.

**Alfred Colomb.** Crimson, large, fragrant flowers.

**Anne de Diesbach.** Bright rose color, very large.

**Abel Carriere.** Purplish crimson, shading in the centre to fiery red.

**Antoine Mouton.** Deep rose fringed with lilac; full form.

**Baroness de Bonstetten.** Dark red, very double flowers, exceedingly fragrant.

**Baroness Rothschild.** Light rose; splendid.

**Boule de Nieve.** Pure white; very full and fragrant.

**Captain Christy.** Delicate flesh color; splendid foliage.

**Coquettes des Alpes.** Pure white flowers, exquisite form, blooming in clusters.

**Francois Michillon.** Deep pink, reverse of petals silvery.

**Fisher--Holmes.** Rich velvety crimson, large and fragrant.

**Francois Levet.** Clear bright rose, delicately shaded crmine.



HARDY ROSE.

**General Jacqueminot.** Rich velvety crimson; magnificent bud. A universal favorite.

**General Washington.** Red, shaded with crimson.

**Giant of Battles.** Intense crimson, delightfully fragrant.

**La France.** Silvery rose, flower large and of distinct fragrance.

**La Reine.** Clear light rose; perfectly hardy, fine form.

**Mme. Plantier.** Pure white; a favorite for cemetery decoration.

**Mabel Morrison.** Pure white; very double, and of round form.

**Mme. Victor Verdier.** Crimson and carmine.

**Magna Charta.** Pink, suffused with rose; immense flowers.

**Paul Neyron.** Deep rose color; largest of all, perfect in form.

**Prince Camille de Rohan.** Velvety crimson, shading to dark maroon; very handsome.

**Perles des Blanches.** Pure white, an exceedingly free bloomer.

**Ulrich Brunner.** Cherry red flowers, beautifully shaped buds.

Extra strong plants, two years old, 25c. each; \$2.50 per dozen; 25 for \$4.50, by express only, not prepaid.

## CLIMBING ROSES.

These are old favorites to cover arbors, verandas, etc. They bloom very profusely early in the summer and are perfectly hardy.

**Baltimore Belle.** One of the very best of climbing roses, rose and carmine tinted.

**Gem of the Prairie.** Crimson, more hardy than the others.

**Prairie Queen.** Clear, bright pink, a standard sort.

**Seven Sisters.** White, varies to crimson pretty, but not of as easy culture as the others. Very large plants 30c; each, \$2.75 per dozen; by express only not prepaid.

## PERSIAN YELLOW.

An elegant, hardy, golden-yellow rose, which stands our hardest winter of the North perfectly. Fine large plants 30c, each; per doz., \$2.75; by express only not prepaid.

## MOSS ROSES.

This class is much admired for their beautiful buds. They are perfectly hardy, bearing hardships and neglect well, but any extra care in enriching the ground and cultivating thoroughly is liberally rewarded with extra large sized buds; very desirable for culture in open ground.

**Perpetual White.**

**Salet.** Bright rosy red; pretty buds.

**Souperie Notting.** Rose, very large flowers.

**Province Unique.** The largest white.

**Chapeau de Napoleon.** Rose, one of the best.

Extra large plants, two and three years old 30c. each; \$2.75 per dozen, by express only not prepaid.

## TREE ROSES.

The Tree Roses, we semi-annually import from one of the best Rosarians in Europe, cannot be too highly recommended as strictly first-class, healthy stock of good shape. They are about 4 to 5 feet high, and therefore, can be shipped by express only. In ordering please state what color you desire. \$1.00 each; 2 for \$1.75; \$9.00 per dozen; 25 for \$16.00, not prepaid.



TREE ROSE.



CLIMBING ROSE.



## ❧ Hardy Herbaceous Perennial Plants. ❧

❧❧❧ For Permanent Planting in GARDEN BORDERS, CEMETERY PLOTS, Etc. ❧❧❧

ONE of the most interesting features in Lincoln Park (this city) is the long stretch of border devoted exclusively to hardy herbaceous perennials. The gardener in charge of this section states with pride, that throughout the entire season an open flower can be found on some one of the plants in the collection every one of the twenty-four hours of the day.

Hardy Perennials are the plants to set out in the locations where but little care can be given. They start into growth readily, increasing yearly in vigor and perfection. For busy people who have not much time to devote to the cultivation of annuals and bedding plants, we unhesitatingly advise the liberal planting of these perennials.

Prices are for large field-grown plants to be shipped by express. We will send smaller ones, postpaid, at same price, when their size will admit of mailing.

### HARDY ASTERS.

Very pretty flowers in all shades of colors; bloom in October. Each, 15c.; doz., \$1.25.

### BLEEDING HEART.

(DICENTRA SPECTABILIS.)

Rose colored, heart-shaped, flowers in great abundance in April and May. An excellent plant for the cemetery or open border. Easily cultivated; 2 feet. Each, 15c., postpaid. Larger roots will be sent in express or freight orders.

### COREOPSIS LANCEOLATA.

Bright golden-yellow, flowers the entire season. It is a good cut flower for vases, etc. Those who desire a plant which gives abundance of flowers for table decoration will find it in this. Each, 25c.

### DELPHINIUM FORMOSUM.

(PERENNIAL LARKSPUR.)

Should be planted extensively even in the smallest garden. Its long spikes of bright blue flowers make a show from June until frost. Each, 20c.; 3 for 50c.

### DAY LILY, or Funkia.

A handsome, showy plant, with beautiful large broad leaves. Flowers large, resembling Lilies, pure waxy white, borne in large trusses. Very fragrant, likes partial shade. Each, 25c.; 3 for 70c.

**Yellow.** Large golden-yellow, flowers July and August. Each, 20c.; 3 for 50c.

**Variegated Leaved.** Green and white leaves and purple flowers. Each, 25c.; 3 for 70c.

### IRIS.—(FLEUR-DE-LIS.)

**German.** Thrive in low ground, marshy places, or on edges of ponds. Broad leaves, large ornamental flowers of rich and elegantly blended colors exquisitely striped with dark violet purple or bronzed lines, upon a lighter ground. We offer 6 distinct varieties. Strong roots, each, 20c.; one each of 6 for \$1.00.

**Japan.** Different from German Iris. Narrow leaves, handsome, very large flowers in June and July. Each, 20c.; 3 for 50c.

### PANSY PLANTS.

Grown from our celebrated "Florists Mixture." Every color and marking. Doz., 50c.; 30 for \$1.00. Not prepaid.



PEONY.

are perfectly hardy, require little or no care, and will produce larger and finer blooms when well established. We offer *white*, *rose* and *crimson*. Price, 30c each, 4 for \$1.00.

### HOLLYHOCKS.

As a background in large borders, or beds of low growing herbaceous plants there is nothing better. Grow 5 to 6 feet. They require a deep, rich soil, and any extra care bestowed on them they will liberally repay in beauty of bloom. We have excellent young plants, raised from our celebrated strain of seed, and offer the following leading colors:

Pure White,	Dark Crimson,
Clear Yellow,	Deep Maroon,
Light Rose,	Flesh Color.

Strong roots, each, 20c.; doz., \$2.00.

### LILY OF THE VALLEY.

Strong clumps for outdoor planting, by mail, postpaid, each, 35c. Not prepaid, each, 20c.

### PÆONIES.

We grow these in large quantities. They produce flowers almost rivaling the Rose in brilliancy of color and perfection of bloom. Some of the varieties are very fragrant. They

### PERENNIAL PHLOX.

A bed or border of Phlox is one of the grandest features of a garden, and even though left with little attention it does not materially interfere with their sturdy growth. Finest improved varieties, assorted, embracing all the leading shades. Single roots, 15c.; per doz., \$1.50.

### HARDY MAY PINKS.

**Her Majesty.** Low-growing flowers, purest white, as large as Carnation, rich, clove fragrance. Large, 30c. each; 4 for \$1.00; young plants, 15c. each; 4 for 50c.

**Old Grass Pink.** The Flowers are fringed; deep rose color; very fragrant. 15c.; 4 for 50c.

**Snow.** Large, pure white; fine for cut flowers. Each, 15c.; 4 for 50c.

### YUCCA.—(ADAM'S NEEDLE.)

Narrow, evergreen leaves. Bears in summer, creamy-white, bell-shaped flowers on a spike 3 or 4 ft. high. Young plants, each, 20c., postpaid. Stronger roots, 35c., not prepaid.



GERMAN IRIS.



# Hardy Ornamental Shrubs.

ONCE planted in a suitable situation, Hardy Shrubs increase in size and beauty from year to year with little or no further care. They very materially add to the attractiveness of the grounds.

Strong, well rooted plants are more certain to grow, and, too, they make a show much sooner. It has long been apparent to us that this is the most satisfactory size to offer. *We can forward only by express or freight. No charge for packing.* When possible to mail small plants will do so at these prices.

## Varieties of Special Merit.

### → HARDY PLUMED HYDRANGEA. ←

(*Hydrangea Paniculata Grandiflora*.)

The finest hardy shrub in cultivation. Adapted to any part of the country, perfectly hardy, stands heat and cold remarkably well. For the cemetery there is no better shrub. Grows 3 to 4 feet high, blooms from July until frost. Its flowers are nearly a foot in length, white when they first open, afterwards changing to rose, remaining in good condition for weeks.

**Bushy, field-grown plants**, each, 20c.; doz., \$2.00.

**Tree form plants**, 3 to 4 feet high. Will make fine specimens on the lawn or in the garden. Each, 65c., by express only

### RHODODENDRON, or Rosebay.

Universally admitted to be the most magnificent, hardy evergreen shrub that grows. The flowers range through rose, pink, crimson, white, etc. The plants we offer are strong and bushy, well set with buds. Will bloom same season set out. Protect first winter with leaves or brush. *First size* (4 to 7 buds), each, \$1.00. *Large size* (8 to 12 buds), each, \$1.50.

### NEW SPIREA, Anthony Waterer.

One of those exceptional novelties that occur only at rare intervals, adding richness and beauty to our garden. It outshines all Spireas in brilliancy of color, being a bright crimson, of dwarfier and denser growth, and in bloom the entire summer. Each, 35c.

## General List of Hardy Shrubs and Hedge Plants.

The month named gives the period of blooming. A judicious selection will give flowers all season. Price, *unless otherwise noted*, large, well-rooted plants, each, 25c.; doz., \$2.50, *not prepaid*.

**ALMOND**. Double rose-flowered. Blooms very early in spring. Can be forced in pots.

**ALTHEA**, or *Rose of Sharon*. Erect growing, branching plants with double rose, purple or white flowers. August and September. Mixed, large strong plants.

**BARBERRY**, Purple. Violet colored foliage, showy red fruit, used in some localities for preserves.

**CALYCANTHUS Floridus**. (Sweet-scented Shrub.) Flowers dark chocolate, with pine-apple fragrance. Everybody likes this. June.

**DEUTZIA Gracilis**. A dwarf bush. Pure white flowers. June. A valuable plant for winter window gardening. Each, 15c.; 4 for 50c.

**DOGWOOD**, Red Twigged. Makes a strong bush. Stem and branches turn blood-red in winter. Flowers white. Very freely produced.

**ELEAGNUS, Longipes**. Silver-leaved. Flowers yellow, followed by orange-red berries, which, when cooked, make a delightful sauce. June.

**FORSYTHIA Viridissima**. Dark-green leaves, yellow flowers. April.

**HONEYSUCKLE**, Upright Tartarian. Spreading habit. Pink flowers, followed by red berries. May.

*For Climbing Honeysuckle, see Page 94.*

### LILAC, Common Purple.

They stand more neglect, heat or drought without showing any bad effects, than any other plant and there is hardly any other shrub that can take their place as ornamental plants for borders, etc. May. **Common White**. Fragrant white flowers. **Persian**. More slender in growth and finer foliage than the common Lilac. **Purple**. **Persian White**. Flowers white. Good for cemetery decoration.



### SNOWBALL.—VIBURNUM OPULUS.

A well-known shrub which attains the height of 8 or 10 feet. Produces large balls of snow-white flowers in June. Large plants, each, 20c.

### MOCK ORANGE, or Philadelphus.

**Coronarius**. Flowers early in June, showing large clusters of white fragrant flowers.

**Aureus**. Golden yellow foliage, that keeps the color well during the season, giving the plants a very unique and distinct appearance.

**Cordata**. Leaves heart-shaped, flowers large, pure white. Each, 20c.; per doz., \$2.00.

### FOUR GRAND SPIREAS.

Spireas at any season are beautiful ornaments on the lawn. **Van Houttei**, when in bloom, is a complete fountain of white flowers, the foliage scarcely showing. Early. **Billardi**. Rose colored flowers. Blooms late. **Prunifolia**. (*Bridal Wreath*.) Double white. Early. **Reevesii**, fl. pl. Double white in clusters.

*One each of the 4 prepaid for \$1.00.*

**WEIGELIAS**, during their flowering season, in June and July, are covered with lovely flowers. **Candida**. Pure white. Rosea, rose colored.

**SPECIAL OFFER**: We will send 12 hardy, large shrubs, 12 sorts, *our selection*, for \$2.00, by express or freight, *not prepaid*.

### HEDGE PLANTS.

We can supply these on short notice. Write for price on large quantities. *Not prepaid, per 100.*

Osage Orange, 2 years .....	\$1.00
Honey Locust, 2 years .....	1.50
Privet, 18 to 24 inches .....	7.50
Berberry, common, 15 to 20 inches .....	5.00



# A Page of **HARDY CLIMBERS.**

EVERYONE who is the fortunate possessor of a few feet of ground will gladly devote some space to the cultivation of the graceful and easy-growing climbers. They thrive and flower everywhere, even in our crowded, smoky cities, where light and sunshine is limited to a few hours daily, and where most of the hardy shrubs refuse to take hold, or in situations more congenial.

## ✦ CLEMATIS, The Queen of the Climbers. ✦

For covering verandas, pillars, trellises, or any unsightly tall object, there is nothing to compare with the Clematis. It is a rapid grower, reaching a height of fifteen feet during the season. Its enormous flowers, four or five inches across, are produced in such profusion as to almost hide the foliage. They are both beautiful and lasting.

Plant at any time, from April to June, and deep enough so that the crown of the roots will be at least four inches below the surface of the soil.

Our Clematis plants are from the best European growers. They are extra size, three-year-old roots. We can ship by express only, and prices do not include prepayment.

### Large Flowering Clematis.

Price, 3-year-old plants, each, 60c.;  
3 for \$1.50; doz., \$6.00.

**JACKMANII.** The best known of the family. Rich, royal purple flowers from July to October.

**Mad. Baron Viellard.** Flowers very large; light rose with lilac shadings; very distinct.

**Duchess of Edinburgh.** The best of the double pure whites, deliciously scented.

**Miss Bateman.** White, with chocolate-red anthers.

**Gipsy Queen.** One of the very finest of the rich purple varieties, a strong grower and free bloomer.

**Henryi.** The best of the white sorts. Robust and a strong grower.

### Fragrant, Small Flowering Clematis.

These are strong, well-rooted plants. They weigh less and are not as large as the imported stock. We will send small plants of following, by mail, at prices quoted. Larger ones are used for express orders.

**Coccinea.** Entirely hardy. Bears thick, bell-shaped flowers of a bright coral-red color, from June until frost. Each, 25c.; 5 for \$1.00.

**Flamula.** (*Virgin's Bower*) Vigorous grower. When trained on trellis work its pure white flowers look like a mass of snow. Each, 25c.; 5 for \$1.00.

**PANICULATA.** (New Sweet-scented Japan Clematis.) In our opinion this fine vine takes equal rank with the Boston Ivy (*Ampelopsis Veitchii*.) It grows amazingly fast, and bears pure white flowers in great sheets during September. It is as fragrant as a Jasmine, and hardy as an oak. Field grown plants, each, 40c.; 3 for \$1.00.

**SPECIAL OFFER:**—One good strong plant of each of the above 9 Clematis for \$3.50, not prepaid.

## ✦ HONEYSUCKLES. ✦

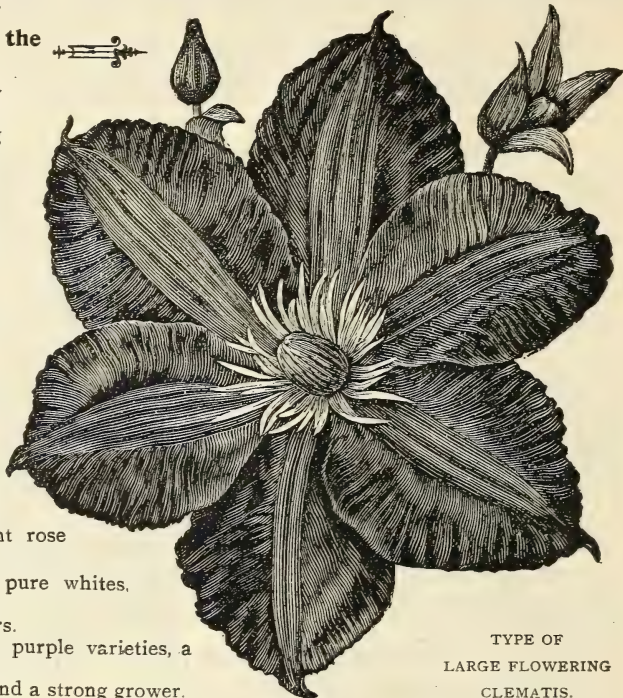
Well-known climbers, blooming at intervals through the summer and autumn, and retaining the foliage late in the winter. Each, 25c., not prepaid.

**Sweet-scented Monthly.** Red and yellow.

**Scarlet Trumpet.** Scarlet flowers.

**Japan Golden Leaved.** Yellowish flowers; variegated leaves, beautifully netted; very desirable.

**Halliana.** Introduced from Japan by Dr. Hall, and, though comparatively unknown, is one of the best Honeysuckles grown. It is a vigorous and rampant grower and an evergreen, producing flowers of pure white, changing to yellow. Very fragrant, and covered with flowers from July till frost; holds its leaves till January. A very good bloomer.



TYPE OF  
LARGE FLOWERING  
CLEMATIS.

## • AMPELOPSIS. •

**VEITCHII.** (BOSTON IVY.) This is the vine so well adapted to and freely used for training on stone walls, around porches and window frames. It clings to the smoothest surface, its overlapping leaves forming a mass of dark-green foliage. This, in autumn, assumes lovely crimson and yellow tints. Small plants, each, 15c.; 4 for 50c., postpaid. Strong, well-rooted plants, each, 25c., not prepaid.

**QUINQUEFOLIA.** (VIRGINIA CREEPER.) Native vine; a very, rapid grower. Used to cover dead trees, unsightly fences, etc. Green leaves, which take on beautiful tints in fall. Large plants, not prepaid, each, 25c.

### DUTCHMAN'S PIPE.—(ARISTOLOCHIA SIPHO.)

A rapid grower, with large, heart-shaped leaves and brownish, sweet-scented flowers, which resemble in shape a miniature pipe. Large plants, not prepaid, each, 35c.; 3 for \$1.00.

### TRUMPET CREEPER.—(BIGNONIA RADICANS.)

Will flourish under most adverse circumstances. Flowers, orange-red, trumpet-shaped. Large plants, each, 40c.; 3 for \$1.00, not prepaid.

## • WISTARIA. •

They are well adapted to training on a stout wire or on walls. Very vigorous in growth. Purple flowers in long, pendant clusters. Large plants, each, 50c.

The Hardy Climbing Roses *Crimson Rambler*, *Prairie Queen* and *Baltimore Belle*, might be included in this list. For price and description see Rose pages.



# Apple and Other Fruit Trees.

**T**HERE is nothing so healthy as fruit—nothing so easily grown. Set out fruit trees in abundance and you will be well repaid.

Special attention is called to the *very superior quality* of the nursery stock we supply. It is *first class* in every respect, *smooth, straight, handsome*.

*We shall be pleased to quote prices on different sizes, larger quantities, or other nursery stock than herein named. In corresponding, please state definitely size and number required. Korrespondenzen in deutscher sprache.*

## APPLES.

Our Apple Trees are especially fine, 5 to 7 feet high.

Price, unless otherwise noted, each, 25c.; doz., \$2.50; 100 \$15.00.

Our selection of sorts, each 20c.; doz., \$2.00; 100, \$12.00.

*Special rates made on large lots.*

### Summer and Autumn Varieties.

**Early Harvest.** Medium, pale yellow. July and August.

**Red Astrachan.** Large, beautiful deep crimson.

**Duchess of Oldenburg.** Large, yellow streaked red, juicy, rich, sub-acid.

**Alexander.** Large beautiful red apple.

**Keswick Codlin.** Large, pale yellow, fine for cooking and market. Ripens in July and August.

**Snow.** Medium, brilliant crimson, mild and agreeable. October.

**Maiden's Blush.** Large, beautiful.

**Wealthy.** Large, red, sub-acid.

**Yellow Transparent.** Earliest and best; white, tender, juicy, sub-acid.

### Winter Varieties.

**Baldwin.** Bright red, juicy, crisp.

**Ben Davis.** Large, handsome, striped, valuable.

**Northern Spy.** Large, striped, mild, sub-acid.

**Jonathan.** Medium, red, extra quality.

**Rhode Island Greening.** Large, greenish yellow, tender, rich acid. Each, 35c.

**Talman Sweet.** Medium, pale yellow.

**Wagener.** Good size deep red in the sun; flesh firm, sub-acid, excellent.

## CRAB APPLES.

Early and annual bearers; hardy and ornamental. Price, 5 to 7 ft., each, 25c.; doz., \$2.50; 100, \$15.00.

**Hyslop.** Large deep crimson; one of the most beautiful of crabs. October to January.

**Transcendent.** Immensely productive, bright red. September and October.

**Whitney.** One of the largest, glossy green, splashed carmine, firm, juicy, excellent for cider. August.

**Yellow Siberian.** Large, beautiful golden yellow. September and October.

**P**ACKING and delivery to railroad depot or express office **free of charge.** For light shipments we advise express; larger quantities or heavy packages generally go safely by freight. Purchaser pays transportation charges.

Please order early. Make out your list today. We will ship your stock just as soon as soil and weather permits, and notify you when we have done so.

*We supply six at dozen, twenty-five at hundred rates.*



## BISMARCK APPLE.

A New Zealand production. Tested and found to be very hardy in this country and Europe. *Bears when only two years old.* Largely grown in pots for decorative purposes. Fruit golden yellow, large, handsome; flesh tender, delicious flavor fine for cooking. Will keep into March. Young plants, 25c. each by mail, post-paid. Extra large, 50c. each, express or freight.

**Yellow Rare-Ripe.** Freestone; yellow. August.

**Yellow St. John.** Ripens about ten days after Hale's. Nearly as large as Crawford, fully equal in color and of superior flavor; fruit round, brilliant, showy. August.

## PEARS.

Those marked (\*) can be supplied in standard, (5 to 7 ft.) or dwarf form (4 to 5 ft.) at the same price.

Unless noted, each, 40c.; doz., \$4.00; 100, \$25.00.

**\*Bartlett.** Buttery, juicy, great bearer.

**\*Idaho.** A month later than Bartlett, golden yellow with russet spots.

**Kieffer.** Russet yellow. Best for canning.

**\*Koonce.** Ripens with the earliest. Yellow with carmine cheek. A leading market sort.

**\*Lincoln Coreless.** Winter. Solid meat almost no core; very large, each, 50c.

**\*Seckel.** Small, yellowing brown, red cheek.

## CHERRIES.

First-class trees, 4 to 6 ft., each, 40c.; doz., \$4.00; 100, \$25.00.

**Black Tartarian.** Sweet, black, large, juicy, rich. Makes a good shade tree also; late June.

**Early Richmond.** Best early, dark red, sub-acid, juicy. June.

**English Morello.** Blackish red, rich, acid, juicy. August.

## PEACHES.

Perfectly healthy trees, with splendid roots. Unless noted, 4 to 6 ft., each, 20c.; doz., \$2.00; 100, \$15.00.

**Alexander.** Freestone; white and red. July.

**Crawford's Early.** Freestone; yellow and red. September.

**Crawford's Late.** Freestone; very large. October.

**Foster.** Freestone; yellow and red. September.

**Hale's Early.** Freestone; rich and juicy. August.

**Oldmixon.** Freestone; large, highly flavored. September.

**Stump-the-World.** Very attractive; fine. September.

## Young Fruit Trees, Grape Vines, Etc., by Mail, Postpaid.

One-year trees and vines, *finely rooted*, cut back suitable for mailing, *guaranteed to reach you in good condition*, with proper treatment are almost certain to live and do well. Those wishing to plant small lots, to make small investments, *to save freight or express charges on long distance shipments*, to plant young thrifty stock and train according to their own requirements, will find this size admirably suited to their needs.

Apples, except Bismarck, each, 10c. Crab Apples, each, 15c. Pears, each, 25c. Peaches, each, 15c. Cherries, each, 25c. Plums, each, 25c. Grape Vines each, 15c.



# Fruit and Ornamental Trees.—Continued.

## PLUMS.

Fine, healthy trees, 5 to 7 feet. Each, 30c., doz., \$2.50.

**Abundance.** (Japan.) Lemon-yellow, overspread with cherry; flesh orange-yellow, juicy and tender; abundant and annual bearer. August.

**Pottawattamie.** (Native.) Strong, vigorous grower, hardy and an immense bearer; fruit large, yellow ground, overspread with pink and white dots. August.

**Wild Goose.** Fruit medium; red, with blue bloom; flesh juicy and sweet. July.

**Shropshire Damson.** Medium; dark purple, very productive; best for preserving. October.

## QUINCE.

**Meech.** A vigorous grower and immensely productive. Fruit large, orange-yellow, fragrant. Cooking qualities unsurpassed; each, 30c., 4 for \$1.00.

## RUSSIAN MULBERRY.

Hardy, vigorous grower; valuable for feeding silk worms, etc. Fruit of small size; varies in color from white to black. Young trees, four to five feet, each, 30c.; 4 for \$1.00.

## GRAPE VINES.

Strong, well-rooted, two-year-old plants, shipped by express or freight only. Special prices on large lots.

**Brighton.** Very early; large bunch and berry, dark red; the best of its color for table use.

**Concord.** Ripens about middle of September; purplish black. A grape anybody can grow.

**Delaware.** Red. Bunch and berry medium size. Each, 15c.

**Martha.** The oldest hardy green, turning to pale yellow when fully ripe.

**Niagara.** Light greenish white. Sweet to the center. Vine hardy and very productive. September.

**Moore's Early.** Black, with heavy blue bloom. Two weeks earlier than Concord.

**Pocklington.** Light golden yellow; bunches very large; sweet and juicy. Quality much superior to Concord.

Price, except noted, each, 20c.; doz., \$2.00. Our choice of sorts 15c. each; \$1.50 per doz.

## EVERGREENS.

They are grown either as single specimens, or for making compact hedges around cemetery plots and other locations.

**Arbor-vitae, American.** 1½ to 2 ft. .... Each, 40c.

**Juniper, Irish.** For cemetery use, 2 ft. .... " 50c.

" **Virginica.** (Red Cedar.) .... " 50c.

**Pine, Austrian or Scotch.** 2 to 3 ft. .... " 50c.

" **White.** Forms a tree. 1½ to 2 ft. .... " 50c.

**Spruce, Norway.** For hedges; 2 to 3 ft. .... " 50c.

" **Colorado Blue.** 12 to 15 inches. .... " 75c.

## NUTS.

*Set out Nut Trees instead of Nuts.*

Almost every farmer now plants a few Nut Trees each season. Probably no branch of tree cultivation yields such profitable results, nuts in many cases paying better than many farm crops.

Prices named are for transplanted trees, mostly 3 to 4 feet, for shipment by express or freight. Small, one-year-old trees by mail, each, 15c., postpaid.

**Butternut.** Each, 30c.; doz., \$3.00.

**Chestnut, American Sweet.** A valuable article of commerce. Each, 25c.; doz., \$2.50.

**Filbert, English:** Hardy, succeeding on almost all soils. Early and abundant bearer. 25c., doz., \$2.50.

**Hickory, Shellbark.** Wood prized for mechanical use as well as fuel. Nut rich and meaty. 40c., doz., \$4.00.

**Walnut, Black.** Valuable for its timber. Each, 30c.

**Walnut, Japan Sieboldi.** Perfectly hardy. Valuable as a nut and ornamental. Meat is sweet, flavor like butternut. Nuts produced in clusters of 15 or 20. A valuable introduction that should be extensively planted. Each, 40c.; doz., \$4.00. Mailing size, each, 20c., postpaid.

## SHADE TREES.

For street trees there is nothing better than the Rock or Sugar Maple; Ash is good. For lawns, Cut-leaved Weeping Birch is one of the most beautiful. Linden, Tulip, Maple, Ash, Elm, etc., should have a place in large grounds.

**Ash, White.** 6 to 8 feet. Each, 50c.; doz., \$5.00.

**Ash, European.** 6 to 8 ft. Each, 50c.; doz., \$5.00.

**Catalpa, Speciosa.** 6 to 8 ft. Each, 50c.; doz., \$5.00.

**Catalpa, Tea's Japan.** 6 to 8 ft. 50c., doz., \$5.00.

**Elm, American.** 6 to 8 ft. Each, 50c., doz., \$5.00.

**Horse-chestnut.** 4 to 5 ft. Each, 50c.; doz., \$5.00.

**Linden, American.** (Basswood.) 6 to 8 ft. Each, 60c.; doz., \$6.00.

**Maple, Norway.** 6 to 8 ft. Each, 50c., doz., \$5.00.

" **Sugar or Rock.** 6 to 8 ft. 50c.; doz., \$5.00.

" **Silver.** 6 to 8 ft. Each, 40c.; doz., \$4.00.

" **Ash Leaved.** 6 to 8 ft. Each, 40c.; doz., \$4.00.

**Tulip.** (Whitewood.) 5 to 6 ft. 45c.; doz., \$4.50.

## WEeping TREES.

The drooping branches of Weeping Trees make this class desirable for cemetery decoration.

**Birch, Cut-Leaved.** 6 to 8 ft. .... Each, 75c.

**Beech, Pendula.** 2 to 3 ft. .... " \$1.00.

**Elm, Camperdown** ..... " 75c.

**Mountain Ash** ..... " 75c.

**Mulberry, Tea's.** Two-year heads ..... " 75c.

**Willow, Wisconsin.** 3 to 6 ft. .... " 50c.



**ELEAGNUS LONGIPES.**

A shrub from Japan, of the Olive family. It grows to the height of five feet or more; begins to fruit when two or three years old. Fruit ripens about July 4. It is fleshy, juicy, bright red. Used the same as cranberries. Makes delicious sauce. Young plants by mail, each, 20c., 6 for \$1.00, postpaid. Strong plants, 2 feet, each 25c.; doz., \$2.50, not prepaid.



## CHOICE SMALL FRUITS.

*The Best only in each class. Suited to any part of our country and selected with a view to keeping up a continuous crop throughout the season. Our stock is all vigorous and in best condition.*

### STRAWBERRIES.

Price *unless otherwise noted*, doz., 35c; 100, \$1.25, postpaid. *Not prepaid*, per 100, 75c; per 1,000, \$4.00.

**NOTE.** Those marked (p.) are pistillate or imperfect flowering sorts and need perfect varieties among them, say every third or fourth row, to insure a crop of fruit.

**Timbrell.** (p.) Late. Dark crimson, sweet and rich. Doz., 50c; 100, \$1.50. *Not prepaid*, 100, 75c; 1,000, \$5.00.

**Parker Earle.** Midseason. Does well on high soil. Doz., 40c, 100, 95c. *Not Prepaid*, 100, 75c; 1,000, \$5.00.

**Jessie.** Midseason. Large, handsome berry. Good fertilizer, strongly staminate.

**Crescent.** (p.) Early, continues a long time in fruit. Light scarlet.

**Warfield.** (p.) Midseason. Firm, large, productive and splendid quality.

**Bubach.** (p.) Second early. Very prolific. Stands hot weather well.

**Wilson.** Second early. Dark red, slightly acid.

**Sharpless.** Late. Light red, firm, large size, delicious aroma.

**Chas. Downing.** Midseason. For home use not excelled.

#### OUR STRAWBERRY COLLECTION.

100 plants, 4 distinct sorts, our choice, prepaid, \$1.00.

*Special low prices for strawberry plants in large quantities.*

### CURRENTS.

Indispensable for table use, jellies, etc. Set four feet apart in rich ground. Use Peroxide of Silicates (see last page) for the currant worm. *Our plants are two years old, requiring to be cut back for mailing. We would advise shipment by express or freight, unless noted.* Price each 15c.; 3 for 40c; doz., \$1.50 postpaid. *Not prepaid*, doz., \$1.00; 100, \$5.00.

**BLACK CHAMPION.** Very productive, large bunch and berry, excellent quality, vigorous grower. The leading black sort for home and market.

**CRANDALL.** Wonderfully productive, a strong, vigorous grower, usually producing a crop next year after planting; fruit blue-black, of large size, one-half to three-quarters inch in diameter; easily picked; can be shipped farther and kept longer than any other small fruit. Free from attacks of insect enemies. Each, 20c., 6 for \$1.00. *Should go by express.*

**Fay's Prolific.** *The best red Currant.* Large stems and berries, uniform in size, very productive, easily picked. For home use or market, the leading variety.

**Red Dutch.** An old standby, productive and of good quality. Berry medium, long bunch.

**White Dutch.** Similar to Red Dutch, except in color.

**White Grape.** Very large, yellowish white, sweet, or very mild acid, excellent quality and valuable for the table. The finest of the white sorts. Very productive. Valuable for home and market use.

### RASPBERRIES.

Plant in rows 5 feet apart, 3 feet apart in rows. Price each, 10c, 4 for 20c; doz., 50c; 100, \$1.75, postpaid. *Not prepaid*, doz., 40c.; 100, \$1.50.

**Cuthbert.** Red. Hardy. The leading market sort. **Golden Queen.** Yellow. Seedling of Cuthbert. Hardy, sweet. Splendid quality.

**Shaffer Black.** Early. An A 1 family variety.

**Gregg Black.** Late. Very productive. Largely grown for market.

### BLACKBERRIES.

Plant in rows six feet apart, 3 feet apart in row. Our plants are heavily rooted and extra size. Price each, 10c., 3 for 20c; doz., 60c; 100, \$2.50 postpaid. *Not prepaid*; doz., 50c, 100, \$1.75.

**Early Harvest.** Dwarf grower; enormous yielder. Fruit excellent quality. Not entirely hardy.

**Snyder.** Extremely hardy, vigorous and productive. The standard sort for all sections of the country.

### DEWBERRY.

**Lucretia.** Trailing blackberry. Early, hardy. Fruit soft, sweet and luscious. Each 10c; doz., 50c; 100, \$2.00 postpaid. *Not prepaid*, doz., 30c; 100, \$1.25.

### GOOSEBERRIES.

Set four feet apart in rich soil. Two-year-old plants. Too large to mail. Must go by express or freight.

**Industry.** An English sort. Berries dark red, rich and excellent flavor. Upright grower, strong cropper. Each 25c; 5 for \$1.00; per 100, \$10.00. *Not prepaid.*

**Houghton.** American. Berries pale red, tender, sweet. Plant spreading and very productive. Each 10c. doz., \$1.00; 100, \$4.50. *Not prepaid.*

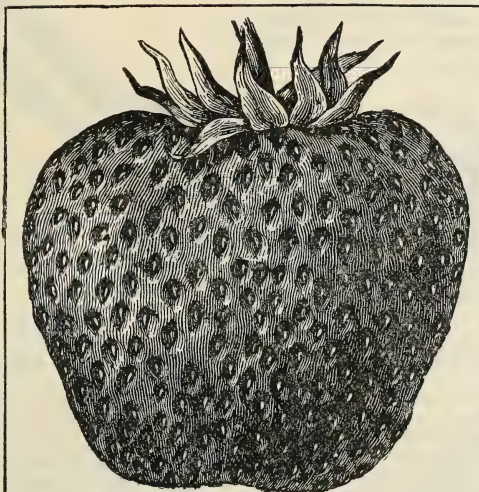
**Red Jacket.** An American seedling of large size, smooth, prolific and hardy, of best quality. Has been well tested over a wide extent of territory by the side of all the leading varieties, and so far the freest from mildew, both in leaf and fruit, of them all. 25c.

### DWARF JUNE BERRY.

This will be found a good substitute for the large or Swamp Huckleberry or Whortleberry, which it resembles. The fruit is borne in clusters, reddish purple in color, changing to bluish-black. In flavor it is of mild, rich sub-acid; excellent as a desert fruit or canned. It is extremely hardy. In habit it is similar to the Currant. Each, 15c.; doz., 75c., by mail or express.

**Buffalo Berry.** Fruit resembles Currants. Esteemed for pies, tarts, preserves, jellies, etc. Very constant and prolific bearer, entirely hardy in all sections and will thrive anywhere. Each, 15c., doz., 75c.

**Japanese Raspberry (Wineberry).** Berry round; deep red, glossy, handsome; of medium size, and fairly firm. Borne in large clusters, and each berry at first tightly enveloped by the large calyx, forming a sort of burr, which is covered with purplish red hairs. Each, 15c.



#### ✻ ✻ MARSHALL. ✻ ✻

*The gem of early Strawberries.*

Very large, fine-grained; 14 berries have been known to fill a quart box. Dark crimson to the core. Quality and flavor unsurpassed. Doz., 60c; 100, \$2.00.



# TOOLS AND IMPLEMENTS.

The Genuine Matthews Seed Drills, Single and Combined; Hand Cultivators and Wheel Hoes.

The Best Line of Implements for Planting and Cultivating Vegetable Crops to be found in America.

☞ We deliver to any Depot or Express Office in Chicago at prices given here.

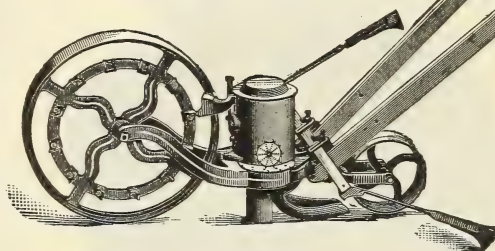
## Matthews New Universal Drill.

THE STANDARD DRILL OF AMERICA.

It works on the agitator principle, which is certain in its action, and much preferable to any other method in dropping the seed, and besides there is nothing liable to get out of order or bind in the operation.

It opens the furrow, drops and covers the seed, rolls down the earth over it and marks the next row, all by simply pushing the drill forward. It sows with evenness and rapidity Peas, Beans, Broom Corn, Onion, Beet, Carrot, Parsnip, Sage, &c.

Complete Catalogue of  
Matthews Hand  
.....GARDEN TOOLS.....  
Free on Application.



It is provided with an indicator having the names of different seeds thereon. Before planting turn the indicator around until the name of the

seed to be sown comes to the pin at the top. The index is right under your eye while the hopper is easily watched. The flow of seed can be instantly shut off by means of the attachment shown on the handle.

Beware of cheap imitations of this Drill. None genuine but those having the Patent Indicator,

Price, boxed, \$5.50.

### MATTHEWS GARDEN GEM DRILL.

This machine operates almost identically the same as the regular Matthews Garden Drill, but is smaller pattern. It will sow with equal accuracy most seed as perfectly as the most expensive drill, but is not large enough for the coarser seed like beans, peas and corn. It is just the thing for people with a small garden where fine seeds such as turnips, onions, carrots, etc., only, are planted. It will make the furrow, drop and cover the seed and mark the next row as perfectly as any machine. It is low priced, works like a charm and does its work thoroughly and well. This drill does not have the new seed cut-off.

Price, boxed, \$4.50.

### MATTHEWS "HILL AND DRILL" SEEDER.

The implement is the same in style and working qualities as the Garden Drill just described, but it is arranged so as to drop the seed either continuously in drill, or at distances of 4, 6, 8, 12, 16, 24 and 48 inches apart. The adjustment from drills to hills is made by one screw. The distance apart is regulated by the number of cogs on the Driving Wheel against which the agitator strikes. The seed cannot drop except when the hole in bottom of Seed Box is opened. This saves seed, as no more can be dropped at a time than is desired, no matter what the distance may be. If this implement is wanted, be sure and order the "Hill and Drill Seeder," as the regular garden drill cannot be fitted with the attachments. Price, boxed \$6.75.

## MATTHEWS COMBINED DRILL, CULTIVATOR, PLOW, RAKE AND DOUBLE WHEEL HOE.

Six Machines in One.

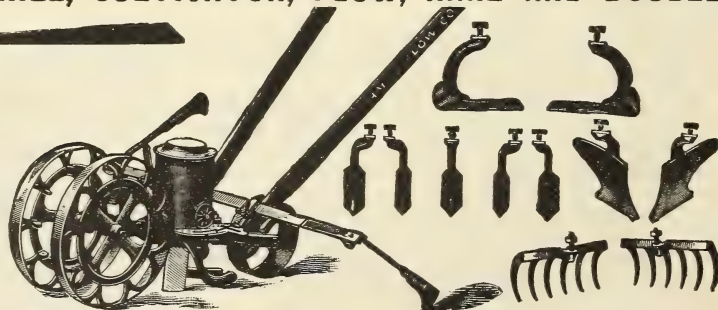
PRICE, BOXED,  
only \$7.50

This illustration shows the Combination Implement as a Double Wheel Seeder—also the attachments. It is not only a desirable combination of the Garden Drill already described, with the New Universal Cultivating Attachments, but it has the advantage of being either a Double Wheel or Single Wheel implement at will, the change from the one to the other being readily made.

The two wheels are desirable, however, when used as a cultivator or wheel hoe, as in this way the rows of young plants may be straddled, and the cultivating done on both sides of the row at one passing. An especial feature of this implement is that when used in straddle row cultivation there is no projection below the frame to interfere with plants. The seeding and covering attachments can be readily removed when the implement is used for cultivating. It is not necessary to remove the seed box, but it can be taken off if desired, and the frame left without any unnecessary encumbrance. There are three adjustments for regulating depth when used as a Cultivator and five when used as a Seeder.

The combination is one which cannot fail of recommending itself to all. The attachments are: 1 pair Hoes, 5 Cultivator teeth, 1 pair Rakes, and 1 pair Plows.

Remember, this is the only Combination Implement made that can be used either as a Seeder or as a Cultivator, with One or Two Wheels as desired. It is a perfect combination.



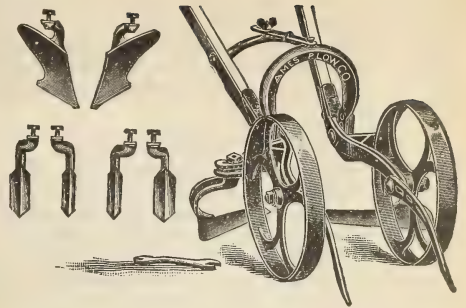


# New Universal Double Wheel Hoe Cultivator, Rake and Plow.

Price, boxed \$4.75.

SPECIALLY DESIGNED FOR WORKING BOTH SIDES OF THE ROW AT ONE PASSING.

This new hand implement embraces all the good points of older efforts in the same line, and in addition offers new features which cannot fail of appreciation. The special recommendation is the *Adjustable Arch* by which not only the *depth* of work can be gauged, but which, by an ingenious device, enables the teeth to be pitched at any angle desired. The attachments are 1 pair Hoes, 4 Cultivator Teeth, 1 pair Plows, 1 pair Rakes and 1 pair Vine Guards.

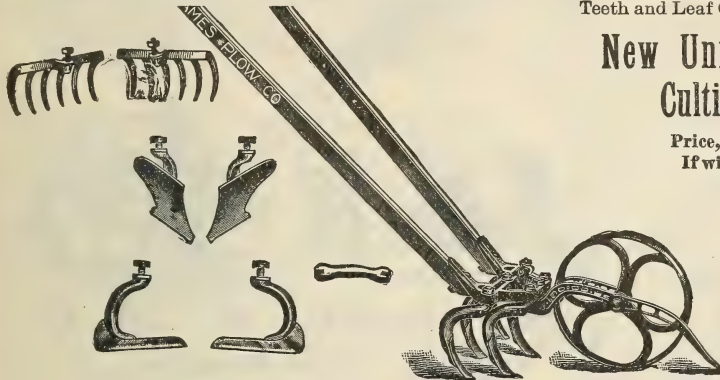


## NEW UNIVERSAL PLAIN DOUBLE WHEEL HOE.

WITH ONE PAIR HOES ONLY.

Price, boxed, \$2.75

The same machine as the forgoing, Rakes, Plows, Cultivator Teeth and Leaf Guards omitted.



## New Universal Single Wheel Hoe, Cultivator, Rake and Plow.

Price, boxed, with all attachments, \$4.00.

If with one pair Hoe Blades, only, \$2.00

This is an improvement over other tools of this type. It can be used either between or astride the rows, although it is really intended for between row cultivation. For straddle cultivation the wheel can be set to one side so as to bring the row of young plants under centre of frame. The adjustment for graduating the depth of cultivation is unique and readily accomplished. The attachments are 1 pair Hoes, 5 Cultivator Teeth, 1 pair Plows, 1 pair Rakes, and 1 Vine or Leaf Guard.

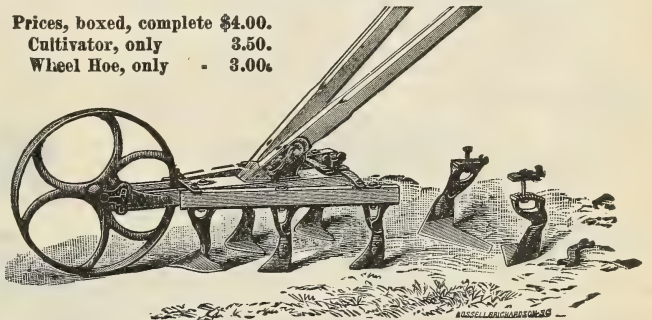
## Matthews Hand Cultivator and Wheel Hoe.

Prices, boxed, complete \$4.00.

Cultivator, only 3.50.

Wheel Hoe, only 3.00.

This is one of the best implements in use for weeding between row crops, and for flat cultivation generally, and is an indispensable companion implement to the Seed Drill. It is thoroughly constructed, very durable, and easy to operate. It spreads from 6 to 14 inches, and will cut all the ground covered, even when spread to its greatest extent. The depth of cultivating may be accurately gauged by raising or lowering the wheel, which is quickly done. We can furnish for the Matthews Hand Cultivator, if desired, a pair of superior style Hoes, with long steel blades, for use in exchange with the Cultivator Teeth, which are easily and quickly adjusted, or we can furnish the implement with Hoe Blades, and without Cultivator Teeth, if desired.



## New Universal No. 2 Single Wheel Hoe, Cultivator and Plow.

This implement is the same as the regular Single Wheel Hoe, except that the attachments are 1 pair Hoes, 3 Cultivator Teeth, 1 Large Plow. Price, \$3.50.

If this machine is wanted, be sure to mention No. 2.

## New Universal Horse Hoe & Cultivator.

This implement is one that is capable of every adjustment. It is *all steel* except Wheel and Handles. The many uses to which this implement can be put are now too well known to need description. We furnish it with Expanding Lever and Wheel Lever, 5 Cultivator Teeth and 3 Hoe Teeth, at the price of \$6.00.

## New Universal "Excel" Horse Hoe and Cultivator.

This latest addition to these famous Tools we can recommend as strictly first-class in every way and the equal of any implement in the market. Price, \$6.25.

## NEW MODEL SEED DRILL.

PRICE, BOXED, \$5.50.

One of the best and cheapest drills in the market. Drills of similar construction are usually provided with a series of holes of varying sizes through which the seed is passed, which, of course, do not always give an opening of the exact size required. The operator is usually told, in substance, that, "if one hole don't suit, try another." This adjustment in the Model is accomplished in a very simple and effective manner by use of a slide with a pear-shaped opening passing under the bottom of seed reservoir, which is provided with a perforation of similar shape, in a reversed position. This slide can be instantly adjusted to size indicated by index, or to a hair's breadth variation between, a vital point in a perfect seed drill. This index or indicator is plain, convenient and reliable. It is placed in open sight, immediately under the eye of the operator, and can be quickly adjusted to the slightest variation desired. *As the names of the principal seeds are plainly shown on the index itself, it is not necessary to refer to any table of reference.* The flow of seed can be instantly stopped by a swinging cut-off, conveniently operated by a cord or ring on the handles. The main wheel is of larger size and of unusual width, preventing its sinking into soft earth. The opening plow is steel and adjustable in depth. Packed, weighs about 40 pounds. Price, boxed, \$5.50.



# Planet Jr. Farm and Garden Tools.

Space will not permit illustrating and describing all of the Planet Jr. Tools, but we will gladly send a fully illustrated catalogue to any who desire it; and we can supply promptly anything ordered. Planet Jr. goods are standard machines—the best. Combine your seed and tool orders and save freight.

## Planet Jr. Seed Drill No. 2.

The seed-sowing device of this machine is extremely simple. The discharge openings are diamond shape and may be regulated to suit any kind of seed or thickness of sowing. It is perfectly adjustable, will sow at any depth, in any quantity, will roll light or heavy, and in every respect works to perfection.

Price..... \$8.50

## Hill and Drill Seeder and Cultivator Combined No. 4.

This machine sows in continuous rows, or drops with the greatest accuracy in hills, 6, 12, 24 or 36 inches apart. For use as a cultivator and drill, parts are entirely removed, leaving it a perfect wheel hoe.

Price complete, \$10.00; drill only..... 7.00

## Combined Drill, Seeder, Wheel Hoe, Cultivator, Rake and Plow No. 1.

Does the same work as the No. 2 Drill, with the added advantage of being a first-class wheel hoe, cultivator and garden rake. It is without an equal in variety of tools, strength, lightness and ease of adjustment.

## Planet Jr. Double Wheel Hoe, Cultivator Rake and Plow No. 12.

This tool is adapted to almost every kind of work. It is invaluable for market garden crops and for fine cultivation generally. Price complete, \$6.00; price plain, with hoes only..... 3.50

## Planet Jr. Double Wheel Hoe—Plain.

This is the same as the complete machine, except that it is furnished with a pair of hoes only. It is well adapted to the requirements of those who have but little work to do, and is offered at a very reasonable price..... 3.50

## Planet Jr. Single Wheel Hoe, Cultivator Rake and Plow No. 16.

This single-wheel hoe is preferred by some. They are considerably lighter than the double, but do nearly the same variety of work. This machine has hoes, cultivators, rakes and plow, and is capable of a great variety of combinations. Price..... 5.00

## Planet Jr. Single Wheel Hoe No. 17.

This machine is much the same as No. 16, with the exception that the rakes are omitted. Price..... 4.00

The set of three cultivator teeth work easily and do invaluable service in deep culture when the crop is well grown.

## Planet Jr. Horse Hoe No. 8.

With all attachments, expanding lever; thoroughly first class in every particular. Price ..... 7.50

The amount of work that can be done by one of these tools, is remarkable. The slanting round edge, as shown, may be run as close to the plants as to almost touch them without danger to the roots. The rear shovel throws the earth back to the row. One of the new features of this machine is the *Patent Depth Regulator* carried in the center of the tool. It works and sets at any depth simultaneously with the wheel lever. With this the tool runs more steadily and depth may be gauged instantly without stopping.

## Planet Jr. 12-Toothed Harrow Cultivator and Pulverizer.

Because of adaptability for thorough, fine work in narrow rows without throwing earth on small plants, it is much valued by market gardeners and farmers. Price, plain, \$4.50; complete..... 8.00

## PLANET JR. No. 4

Combined Hill and Drill Seeder.

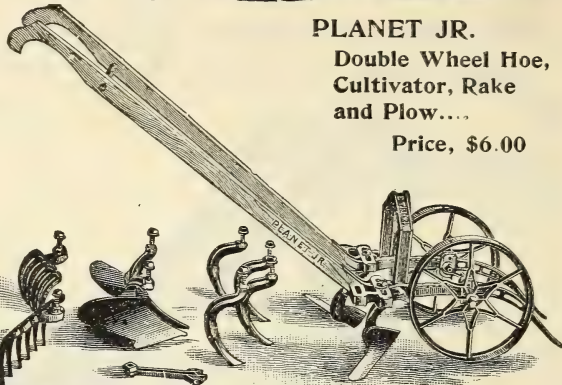
Price, \$10.00.



## PLANET JR.

Double Wheel Hoe, Cultivator, Rake and Plow....

Price, \$6.00



## "PLANET JR." No. 17

Single Wheel Hoe Cultivator and Plow.

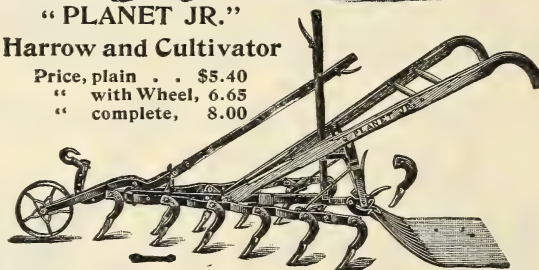
Price, \$4.00



## "PLANET JR."

Harrow and Cultivator

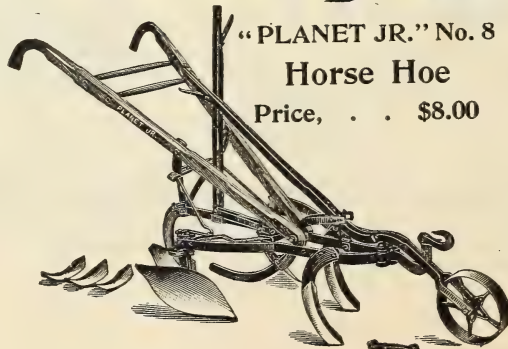
Price, plain . . \$5.40  
" with Wheel, 6.65  
" complete, 8.00



## "PLANET JR." No. 8

Horse Hoe

Price, . . \$8.00

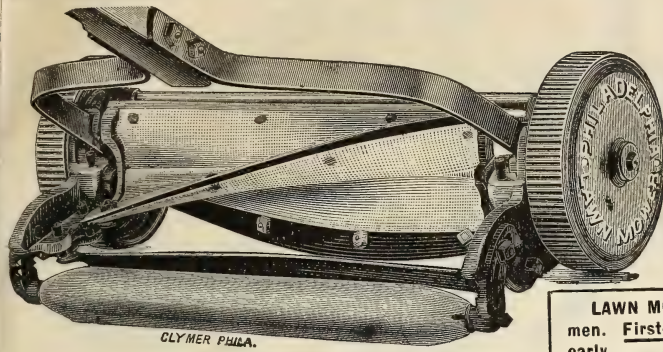




The Genuine  
Philadelphia

# LAWN MOWERS.

Full descriptive circulars mailed on application.....



MUCH good money is annually wasted in buying cheap and worthless Lawn Mowers. This can be avoided by purchasing a well-made machine, and if costing a little more at the beginning, it will save many times the difference in cost in a short time, and give endless pleasure. The PHILADELPHIA LAWN MOWERS have long ago established their reputation as the BEST. They are constructed on the most thorough mechanical principles, and on account of their simplicity and superior construction are more durable and less liable to get out of order, and will do better work than any other lawn mower made.

LAWN MOWERS SHARPENED AND REPAIRED by skilled workmen. First-class work guaranteed. Please send in your machine early . . . . . EXTRA PARTS KEPT IN STOCK.

## HAND MOWING MACHINES.

**STYLE A.** Width of cut, 15, 17, 19 and 21 inches. Four blades (all steel.) Height of driving wheel, 10 inches. Will cut high grass. The simplest of its kind.

**STYLE E.** Width of cut, 15, 17, 19 and 21 inches. Has high ten-inch driving wheel, four blades, cylinder 6½ inches. Unlike all other Mowers, the driving wheel and cylinder can be removed, leaving a solid frame.

**STYLE K.** Width of cut, 14, 16, 18 and 20 inches. This Mower is made on correct principles with a single Pinion and Five blades. It does the finest kind of work and is the lightest running Mower made. For a first-class Mower it has no equal.

**STYLE T.** Width of cut, 14, 16, 18 and 20 inches. Four blades, open wiper, with wrought iron riveted cylinder. The blades are BOLTED TO CYLINDER. They can be replaced at small cost; In repairing, saves the expense of a complete cylinder. It combines all the improvements of the Philadelphia, running light and doing fine work.

**STYLE N.** Width of cut, 10, 12, 14, 16, 18 and 20 inches. This mower is for general purposes, very popular, and adapted for rough, uneven grounds, as well as the finest smooth lawns. This machine does excellent work, is easy to run and durable.

**STYLE C.** Width of cut, 15, 16, 18 and 20 inches. This style has been manufactured to fill the demand for a medium high lawn mower that has merit. It has all improvements with a four-blade open cylinder and 8½ inch drive wheel. It runs lightly, does fine work and is a valuable addition to the list.

### Special Prices for 1899.

10 in. Style M.	\$ 4.25
12 " " M.	4.75
14 " " T or C.	5.50
16 " " T or C.	6.00
18 " " T or C.	6.50
20 " " T or C.	7.25
15 " " L.	7.50
17 " " L.	8.50
14 " " K.	5.75
16 " " K.	6.25
18 " " K.	7.00
20 " " K.	7.50
15 " " A.	9.50
17 " " A.	10.50
19 " " A.	11.50
21 " " A.	12.50
25 " Pony	35.00
30 " Horse	75.00

## GENUINE PHILADELPHIA HORSE MOWING MACHINES.

These machines are intended for parks and large open grounds, and are constructed in a most thorough manner. They are designed to be what they have already proved themselves to be—THE BEST HORSE LAWN MOWER FOR PARKS OR LARGE LAWNS EVER MADE. They will be found on government grounds, public grounds and fine parks in all parts of the country. Made in two patterns, open or closed cylinder.

**PONY.** Width of cut, 25 inches. Light in weight and draft. Strong and durable. Will do efficient work on a lawn where there is much shrubbery and trees.

**HORSE.** Width of cut, 30 inches. Suitable for a light horse. Weight, 313 lbs.

**HORSE—I. X. L. PATTERN.** Width of cut, 30, 35 and 40 inches. This machine is intended for parks and very large lawns. It is constructed in the most thorough and substantial manner and never fails to give satisfaction.

## HORSE BOOTS

IMPROVED  
QUALITY.

\$9.00 per set of 4



HORSE MOWER.

## Genuine Philadelphia Golf Mower.

For the proper care of Golf Links it has been found necessary to build a machine having rapidly revolving blades, to insure a very close clip.

### A Brief Description.

Eight blades; height of drawing wheel, 10 inches; diameter of cylinder, 7½ inches; train of three gears on one side of mower; either drawing wheel will work the mower. Various sizes. Send for special circular and prices.



# SUNDRY USEFUL LAWN REQUISITES.

**GRASS CATCHER, or LAWN MOWER'S PARTNER.** Made of light material, and attached to the mowing machine the grass is collected so that it can be removed from the lawn. Adjustable to mowers of different widths of cut. \$1.25

**GRASS HOOKS OR SICKLES.** Imported English. Extra quality, riveted backs; strong and will hold an edge. No. 0, 50c; No. 1, .60  
Common Sickles .25

**GRASS SHEARS.** Similar to Sheep Shears. Common, 60c; Imported, 1.25

**HOSE.** Rubber. Guaranteed quality; ½ in., 50 ft., with couplings. 6.50

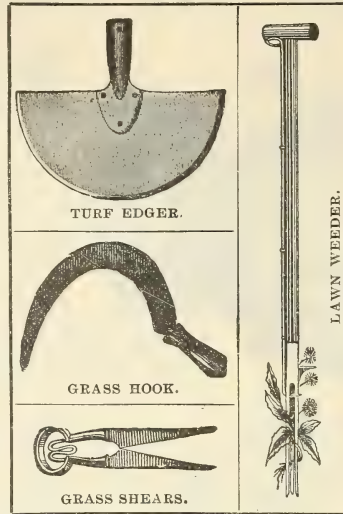
**HOSE NOZZLES.** Gem. Throws any kind of a stream from solid to the finest spray. .35

**GEM NOZZLE HOLDER.** A device for holding hose if nozzle is used for sprinkling .10

**Iron Lawn Rollers.** No lawn can be maintained in good order without successive rollings, which work should be done in the spring before the ground becomes dry. These rollers are made in two sections, and are preferable for lawns, as they can be turned without injuring the grass. They are made with weights, which keep the handle up from the ground.

1 sec. 12 in. long, 20 in. diameter, 190 lbs.	\$ 7.00
2 sec. each 7½ in. long, 15 in. diameter, 125 lbs.	5.75
2 sec. each 12 in. long, 20 in. diameter, 300 lbs.	12.25
2 sec. each 12 in. long, 24 in. diameter, 400 lbs.	15.75
2 sec. 12x28, 550 lbs.	21.00

**TURF EDGERS.** Sharp, rounded blades for trimming edges of borders, walks, etc. Common, 35c; Imported, 1.00



## LAWN SPRINKLERS.

**PHILADELPHIA.** Unlike all other Sprinklers, this does its work perfectly, without a revolving motion, making it durable. .75  
Send for Special Circular.

**ARC LAWN SPRINKLER.** A thoroughly good sprinkler, having the additional advantage of distributing water in half or full circle as desired. 1.50

**ELGIN.** Finely arranged on a frame, so it can be moved about without wading in grass or stopping water. Throws a large volume of water. .75

**LAWN RAKES.** Gibbs' 24 in. head, with guard to prevent grass from falling over back; 30 copper steel wire teeth. Teeth are so constructed as to prevent digging up the soil or clogging .50

**Canton.** Similar to Gibbs', but without guard. .40

**LAWN SCYTHES.** English. Best scythe that can be used on the lawn; no trouble to keep sharp; 36 in., \$1.25; 38 in. 1.50

**LAWN WEEDER.** The simplest and most certain weed destroyer ever seen. A light pressure into the soil grasps the weed and a slight pull dislodges it.

**SCYTHE SNATHS.** .75

**SCYTHE STONES.** English Round Talacre. .15  
Common .05

**SHEARS.** Border Grass, 9-inch blade. 2.00  
Border Grass, with wheel 9-inch blade. 2.50

Common, 35c; Imported, 1.00

## Superb Corn Planter...

This Rotary Drop Planter is provided with three seed plates, varying in size, so that any desired number of grains may be dropped. It has hard wood staffs and spring steel points, accurately fitted. A coil spring between the staffs keeps the planter in position for entering the soil, entirely obviating the danger of clogging the points. \$1.00

It has hard wood staffs and spring steel points, accurately fitted. A coil spring between the staffs keeps the planter in position for entering the soil, entirely obviating the danger of clogging the points. \$1.00

## Challenge Potato Planter.

It is claimed that potatoes planted with this device sprout more quickly and uniformly than when planted in the ordinary way, as the seed is deposited in earth that has not been sun-dried and at a uniform depth. Tests made the past season by practical farmers are reported to have thoroughly proved the Planter's efficiency. All the principal parts of the implement are made of steel, it being constructed with a view to secure not only great strength but little weight. The handle is adjustable and can be raised or lowered to suit the convenience of the person using it. In planting with the implement the jaws enter the soil until the front lever strikes the ground, when the next step of the operator forces the top of the planter forward, causing the lever to open the jaws and drop the seed. Price....\$1.25

## POULTRY SUPPLIES.

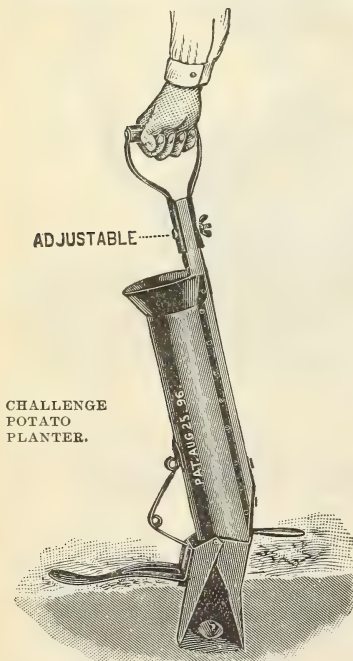
**Crushed Oyster Shells.** Manufactured from good, clean stock. Used by all poultrymen. 5 lbs., 15c; 25 lbs., 45c; 100 lbs., \$1.25; bbl. of 275 lbs., \$3.00.

**Crushed Ground Bone.** About the size of wheat or cracked corn, especially prepared for chickens. 50 lbs., \$1.75; 100 lbs., \$3.00.



## Little Giant Plant Setter.

This little machine is capable of transplanting 7,000 plants a day, and in operation is found neither heavy nor tiresome. It weighs just four and one-half pounds when empty, and carries water or liquid fertilizer sufficient to set one to two hundred plants. It deposits every plant root securely in the cool, damp soil below the surface, and will set, water, and cover all in one operation. The roots are thus set in nature's own way, and are not cramped nor pressed into crooked or unnatural shape. Pr., \$3.75







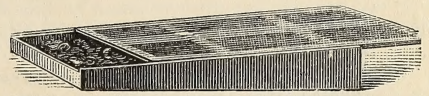
# GARDENING TOOLS AND SUNDRIES.



PRICES GIVEN BELOW DO NOT INCLUDE PREPAYING OF CHARGES EXCEPT WHERE NOTED.

EACH.

<b>BELLOWS.</b> For applying powdered insecticides to plants. Two sizes, \$1.00.....	\$1.25
<b>CORN AND SEED PLANTER.</b> <i>Chautauqua.</i> Unequaled for simplicity, durability and efficiency. It is used like a cane, is self-acting in its operation, has an extra tube for pumpkin seeds, that they can be dropped with the corn. It will plant any kind of garden seeds, as it has this extra tube .....	1.00
<b>CORN PLANTER, Superb.</b> See description on page 102.	1.00
<b>DANDELION PULLERS.</b> <i>English.</i> .....	1.00
<b>DIBBER.</b> For transplanting vegetable plants, steel points; very desirable; postpaid, 60c.....	.50
<b>FLOWER POTS.</b> <i>Must go by freight.</i> Write for price. State size and quantity desired, .....	.15
<b>FORKS.</b> Hand weeding. Mailed, 20c.....	.60
<b>GARDEN LINES,</b> strong braided, 100 feet.....	.50
<b>" LINE REELS.</b> .....	.35
<b>GARDENING TOOLS.</b> Ladies' and Children's set, contains trowel, rake, hoe and weeder. Per set.....	.50
<b>GRAFTING WAX.</b> ½ lb., 30c; per lb.....	
If to be mailed, add 16c per lb.	
<b>HOSE, Rubber.</b> See "Sundries for Lawn," page 102.	
<b>HOES, Welded Dutch Scuffle.</b> (Handles 15c each, extra) .....	.75
Common Scuffle.....	.45
<b>INSECT DESTROYERS.</b> See page 57.	
<b>KNIVES, Pruning, English.</b> (Saynor and Cook).....	1.50
Pruning, <i>American</i> .....	.75
Budding..... No. 300, \$1.00; No. 207, \$1.25; No. 204 .....	1.50
Asparagus, Imported. Saw tooth blade .....	.90
Seed Potato..... Humphreys, 30c; postpaid, .....	.35
<b>LABELS.</b> Painted-Wood Pot Labels. 4 in., per 100, 15c; per 1000, 75c; 6 in., per 100, 25c; per 1000 .....	1.50
<b>LAWN TOOLS and Sundries.</b> See page 102.	
<b>MASTICA.</b> For glazing sashes, greenhouses, etc. Superior to putty..... ¼ gal., 35c; ½ gal., 60c; gal., .....	1.00
Machine for applying above, each.....	1.00
<b>MOLE TRAPS.</b> <i>Olmsted's Improved.</i> It is simple in construction and safe to handle so that a child may set it. It does its work effectually and surely, never failing to get the mole if properly placed. Price.....	1.50
<b>PLANT SETTER.</b> See ill. and description on page 102, .....	3.75

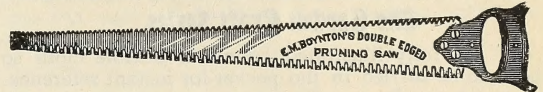


**PROTECTING CLOTH, or Waterproof Fibre.** Especially prepared to prevent mildewing and rotting; valuable for forwarding and protecting early plants from frosts, covering hot beds and frames in spring, in lieu of glass (after excessive freezing weather is over), and for throwing over bedding plants at night in fall, at one-tenth the cost of glass. (Pieces contain from 40 to 60 yards). **Heavy Grade**, per yard, 15c; by piece per yard, 12½c.

**Medium Grade**, best for general purposes, per yard, 10c; by piece, per yard, 8½c.

**Light Grade**, mostly used in the South for tobacco plants; per yard, 5c; by piece, per yard, 4½c. Samples mailed on application.

**PUTTY BULB, Rubber.** Used in applying putty to sashes, greenhouse rafters, etc. Mailed, \$1.10..... \$1.00



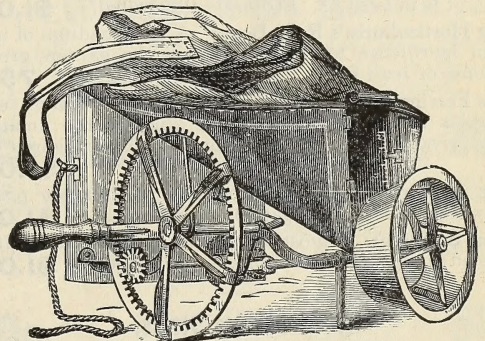
**PRUNING SAW**, double edged, 18 in..... .75

**ROFFEA.** Plant tying material. Mailed, 40c..... .25

**ROLLERS, Lawn.** See page 102.

**RAKES, Steel Garden**, 14 teeth..... .50

**Steel Gravel**..... .35



CAHOON SEEDER.

**SEED SOWER.** *Cahoon Broadcast.* Sows grass seeds, wheat, oats, barley, rye, buckwheat, etc. A saving of four-fifths of the labor and one-third of the seed used in hand sowing is effected by this machine. *Every farmer should have one.*

**SPRINKLERS**, for spraying house plants. Mailed, two sizes, 60 and 75c.

**SYRINGES, Brass Garden.** No. AA Parlor, very small, with fine spray rose, \$1.15; No. C, one stream and one spray rose..... 1.50

**SPADES, Cast Steel**..... .85

**SHOVELS, Cast Steel**..... .85

**SHEARS, Wiss' Pruning.** Excellent for trimming small fruit bushes and shrubbery.....

No. 1, \$1.50; No. 2, \$1.75; No. 3, 2.00

**Lee's Pruning.** For same purpose..... 1.00

**Hedge**..... 8 in., \$1.50; 10 in., 1.75



**TROWELS.** *English Garden.* 6 in., 30c; 7 in., 35c; 8 in., .40

**Common.** 6 in..... .15

**Cleve's Angle.** Narrow..... .15

**TWINE.** *Jute.* For tying plants..... lb., 10c; 10 lbs., .90

**WEEDERS.** *Excelsior.* Hand weeder..... .15

**Hazeltine.** Hand weeder..... .20

**Hand Fork**..... Malleable, 15c; steel, .20

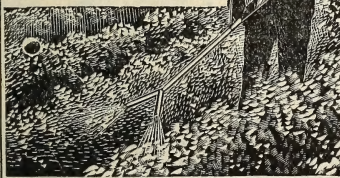
## LEGGETT'S PARIS GREEN OR DRY

### POWDER GUN.

For Orchard, Vineyard, Garden or Potato Field. Distributes Paris Green, Sulphur, "Fungioid," (a powdered Bordeaux Mixture) or any dry powder.

THOUSANDS IN USE

Illustrated Circular on application.



A Wonderful Invention Light, Swift, Easy, Safe, Strong and Cheap.

**POWDER GUN, Legget's.** (Described above.)..... 7.00

**Little Giant.** For applying powdered insecticides..... 3.50

**PRUNER, Water's Tree.** .....

4 ft., 75c; 6 ft., 85c; 8 ft., \$1.00; 10 ft., \$1.15; 12 ft., 1.75

**PRUNING SHEARS.** See "Shears."

**PRUNING SAW AND CHISEL**..... .75



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## BOOKS ON GARDENING AND KINDRED TOPICS.

*Sent to any address prepaid on receipt of price.*

**I**N addition to the older standard works named below, especial attention is called to the fresh and valuable books included in the GARDEN CRAFT and RURAL SCIENCE series. These practical handbooks are either written or edited by Prof. L. H. Bailey, of Cornell University.

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All are fully illustrated, bound in flexible cloth so they can be carried in the pocket for instant reference.

**Garden Making:** A guide to daily practice in the garden, whether that garden be a city back yard or an enclosure of acres. It imparts in simple language such information as every man or woman who buys a single packet of seed or attempts to grow a single plant is in need of. Profusely illustrated. **\$1.00.**

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**The Forcing Book:** A manual of the cultivation of vegetables under glass. Valuable alike to the amateur or private gardener. 266 pages, 88 illustrations. **\$1.00.**

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Books which state the underlying principles of agriculture in plain language.

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**Principles of Fruit Growing:** **\$1.25.**

### THE YOUNG MARKET GARDENER.

Is intended as a guide to beginners. It gives sound advice on construction of houses, pits, soils, profitable crops to grow, suggestions how to market. 119 pages. Paper. **50c.**

### Other Standard Books.

<b>Art of Propagation of Trees, Plants, Etc.</b> Paper...	\$0.30
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# SEVEN SUPERIOR VEGETABLES.

ILLUSTRATED IN  
COLORS ON  
BACK PAGE

... **W**E expect this catalogue to reach the hands of many to whom we are strangers, and as an inducement to them to test our seeds and thereby prove their worth, we have prepared a collection of vegetable seeds, and take pleasure in offering SEVEN SUPERIOR VEGETABLES FOR 25c. If you send us an order for 25 cents or more your name will be enrolled in our book of customers, and thereafter you will receive our catalogues regularly as they are issued.

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Seven  
Superior  
Vegetables  
for 25c

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**BEANS**—Extra Early Refugee.  
**BEE**—Edmund's Blb. Turnip.  
**CABBAGE**—Allhead Early.  
**CUCUMBER**—Siberian.  
**LETTUCE**—Simpson's Curled.

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**BEANS**—Imp. Golden Wax.  
**BEE**—Edmund's Bld. Turnip.  
**CABBAGE**—Allhead Early.  
**CARROT**—Danvers' Half Long.  
**CELERY**—Dwarf Golden Heart.  
**CUCUMBER**—Siberian.  
**S. CORN**—Country Gentleman.  
**LETTUCE**—Simpson's Curled.  
**MUSK MELON**—Netted Gem.  
**W. MELON**—Phinney's Early.  
**ONION**—Prize Taker.  
**PARSNIP**—Imp. Guernsey.  
**PEAS**—Little Gem.  
**PEAS**—Everbearing.  
**SALSIFY**—Mam. S. Island.  
**RADISH**—French Breakfast.  
**TOMATO**—New Stone.  
**TURNIP**—P. Top White Globe.  
**RADISH**—White Strassburg.

### \$1.00 COLLECTION "C." \$1.00

**BEANS**—Extra Early Refugee.  
" —Imp. Golden Wax.  
" —Henderson's B. Lima.  
**BEE**—Edmund's Bld. Turnip.  
" —Long Dark Blood.  
**CABBAGE**—Fottler's Brunswick.  
**CARROT**—Danvers' Half Long.  
**S. CORN**—Early Minnesota.  
" —Country Gentleman.  
**CUCUMBER**—Siberian.  
" —Imp. Long Green.  
**EGG PLANT**—N. Y. Purple.  
**ENDIVE**—Green Curled.  
**KOHL RABI**—White Vienna.  
**LETTUCE**—Simpson's Curled.  
**LEEK**—American Flag.  
**MUSK MELON**—Netted Gem.  
" —Osage.  
**SAGE**—Broad Leaved  
**W. MELON**—Phinney's Early.  
" —Klob's Gem.  
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" —Large R. Wethersfield.  
**PEPPER**—Ruby King.  
**PEAS**—Nott's Excelsior.  
" —Everbearing.  
**PARSNIP**—Hollow Crown.  
**PARSLEY**—Double Curled.  
**PUMPKIN**—Large Cheese.  
**RADISH**—French Breakfast.  
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" —White Strassburg.  
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THE  
MOST POPULAR  
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VARIETIES.